Carbon Footprint Report for darky.app

This report presents an assessment of the carbon footprint produced by a visit to darky.app. It is based on quantitative data that has been collected and analysed, with the goal of providing actionable insights for improving environmental efficiency.

About Darky.App

The website darky.app is hosted by Cloudflare Inc., which runs on sustainable energy. Every time someone visits this page, an estimated 0.03g of CO2 is produced, or 0.017L in terms of volume. On an annual basis, if the site were to receive approximately 1,000,000 visits, it would produce as much CO2 as 0.007 cars. For every ~10,000 visits per month, it would take around 0.15 trees annually to offset the CO2 production.

Page Size And Energy Consumption

- Total Page Size: 156.27 KB
- Energy Consumption per Visit: Approximately 7.21*10^-5 megajoules

Environmental Efficiency and Performance Score

The total size of the webpage is impressively low at only 156.27KB! This small size means that darky.app ranks better in environmental efficiency than 94% of web pages scanned - a fantastic achievement!

In addition to its environmental efficiency score (0.94 out of a possible 1), the performance score for this website is also excellent at a full 100%. This means that the website is running at optimal performance based on the metrics we've analysed.

Overall Grade

Considering all these factors, darky.app receives an overall grade of A+. The grade is a testament to the site's commitment to maintaining minimal carbon emissions and efficient performance. Well done!

Suggestions for Improvements & Best Practices

While darky.app is already performing excellently in terms of environmental efficiency, there's always room for improvement. One potential area could be further reducing the size of website elements and optimizing images and scripts to decrease load times and energy consumption even more.

One general best practice for website optimization is ensuring that websites are mobile-friendly since a large portion of web traffic comes from mobile devices these days. Another common practice is using clean and efficient coding practices which can help increase page load speed and reduce energy usage. Utilizing caching mechanisms can also significantly improve page load time, thereby enhancing user experience while minimizing energy consumption.