

# Generating Color Schemes for your Digital Media & Data Visualizations

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## Abstract

*This tutorial provides an overview of the basics of color theory and shows how to use Generative AI tools, like OpenAI ChatGPT, Google Gemini, Microsoft Copilot and DeepSeek, to expand your data color scheme choices. You explore how to build your own colormaps by transforming color harmonies into data color schemes. This half day course is intended for a broad audience of individuals interested in understanding, applying, and building color schemes for data visualization.*

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