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import json

# Define theme data for each category
themes = {
    "Deuteranomaly": {
        "name": "Deuteranomaly Theme",
        "firstLevelElements": "#0071B6",
        "secondLevelElements": "#F78C50",
        "thirdLevelElements": "#F3F2F1",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#3EBEFD"
    },
    "Deuteranopia": {
        "name": "Deuteranopia Theme",
        "firstLevelElements": "#0071B6",
        "secondLevelElements": "#E84A5F",
        "thirdLevelElements": "#F3F2F1",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#3EBEFD"
    },
    "Protanomaly": {
        "name": "Protanomaly Theme",
        "firstLevelElements": "#FF6A00",
        "secondLevelElements": "#2B2BFF",
        "thirdLevelElements": "#F3F2F1",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#FF3333"
    },
    "Protanopia": {
        "name": "Protanopia Theme",
        "firstLevelElements": "#FF6A00",
        "secondLevelElements": "#0071B6",
        "thirdLevelElements": "#F3F2F1",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#FF3333"
    },
    "Tritanomaly": {

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        "name": "Tritanomaly Theme",
        "firstLevelElements": "#FFD700",
        "secondLevelElements": "#A000FF",
        "thirdLevelElements": "#F3F2F1",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#33CCFF"
    },
    "Tritanopia": {
        "name": "Tritanopia Theme",
        "firstLevelElements": "#FFD700",
        "secondLevelElements": "#FF0000",
        "thirdLevelElements": "#F3F2F1",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#33CCFF"
    },
    "Achromatomaly": {
        "name": "Achromatomaly Theme",
        "firstLevelElements": "#000000",
        "secondLevelElements": "#FFFFFF",
        "thirdLevelElements": "#CCCCCC",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#666666"
    },
    "Achromatopsia": {
        "name": "Achromatopsia Theme",
        "firstLevelElements": "#000000",
        "secondLevelElements": "#FFFFFF",
        "thirdLevelElements": "#CCCCCC",
        "fourthLevelElements": "#333333",
        "background": "#FFFFFF",
        "secondaryBackground": "#E3E3E3",
        "tableAccent": "#666666"
    }
}

# Save the themes to JSON files
for category, theme_data in themes.items():
    with open(f"{category.lower()}_theme.json", "w") as file:
        json.dump(theme_data, file, indent=4)

```

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print("Themes have been saved to JSON files.")
```



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Themes have been saved to JSON files.
```