

# Converting Colors

Hex(805D21)

Have a look what the booklet for  
Hex(805D21) contains.

<b>Hex(805D21)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(805D21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805D21
RGB	128, 93, 33
RGB Percent	50%, 36%, 13%
CMY	0.4980, 0.6353, 0.8706
CMYK	0.00, 0.27, 0.74, 0.50
HSL	38°, 59%, 32%
HSV	38°, 74%, 50%
XYZ	13.0910, 12.5277, 3.1670
YIQ	96.6250, 40.1200, -11.2400

# Conversions

## Conversions Part 2

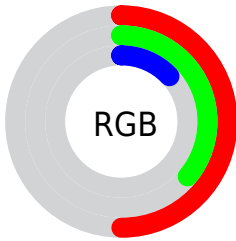
Format	Color
<a href="#">RYB</a>	88, 128, 33
Decimal	8412449
CIELab	42.04, 8.03, 38.57
CIElCh	42, 39.394, 78.238
Yxy	12.5277, 0.4548, 0.4352
Android (android.graphics.Color)	4286602529 (0xFF805D21)
YUV	96.6250, -31.3671, 27.5159
Hunter-Lab	35.3945, 4.0794, 19.4711

# Details

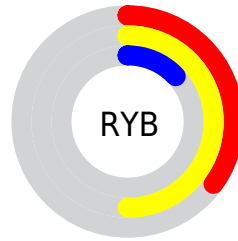
The Hex color **805D21** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **214480**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B88F51**, and **4B2F00** is the 20% darker color. If you saturate the color by 10%, you get **805814**, and if you desaturate by 10%, it is **80622E**.

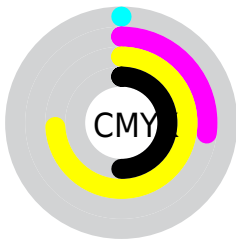
# Distribution



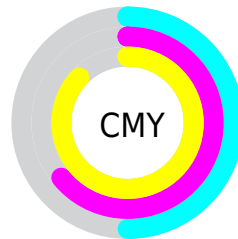
- Red (50%)
- Green (36%)
- Blue (13%)



- Red (35%)
- Yellow (50%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (74%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805D21 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 805D21 by changing the saturation by 10% instead.





805D21



805D21

FFFFFF



654607



B88F51



4B2F00



D5AA6A



311B00



F2C584



190100



FFE19E



000000



FFFDBA



FFFFD6



FFFFF2



805D21



805D21

■ 805814

■ 80622E

■ 805407

■ 80663B

■ 805100

■ 806B47

■ 807054

■ 807561

■ 80796E

■ 807E7B

■ 808387

■ 808794

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



965134



805D21



626821

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



805D21



007377



7E528F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



805D21



214480

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4E60A1



805D21



007193

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



805D21



007255



006AA3



984871

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



805D21



4A6D2E



006AA3



715796



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



805D21



A69881



802145



544C3E



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



805D21



A66F12



758021



403D39



805100



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



214480



1249A6



2C2180



393C40



002F80



000000



# Previews

## White Background



This preview shows how the Hex color 805D21 looks on a white background.

## Color Contrast Check

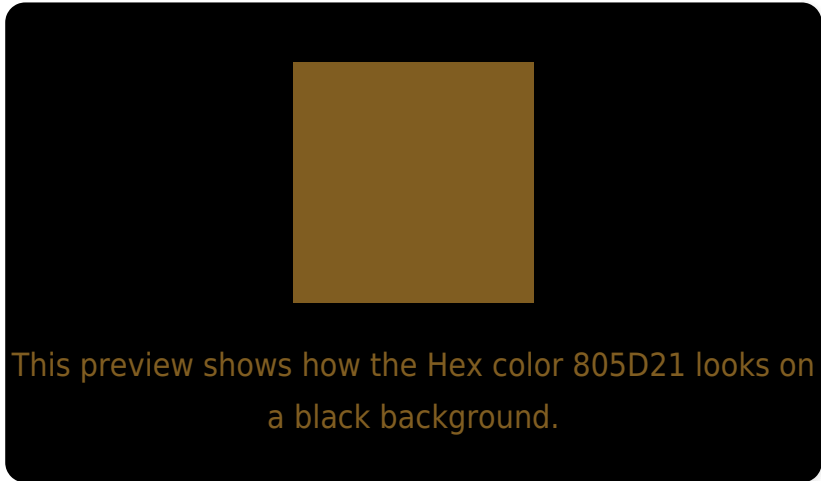
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 805D21 Background



This preview shows how black text looks on a background with the Hex color 805D21.



This preview shows how white text looks on a background with the Hex color 805D21.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
805D21

**Protanopia**  
6F6423

**Deuteranopia**  
7D5F20



# Trichromacy



**Original Color**  
805D21

**Protanomaly**  
756122

**Deuteranomaly**  
7E5E20

**Tritanomaly**  
835948

# Monochromacy



**Original Color**  
805D21

**Achromatopsia**  
616161

**Achromatomaly**  
6C604A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805D21 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #805D21 looks like.

```
.text, #text, p{  
    color:#805D21  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #805D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805D21
}
```

## Border

The CSS property to change the border of an element to Hex 805D21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805D21 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#805D21 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #805D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805D21; -webkit-box-shadow:4px 4px  
4px 4px #805D21; box-shadow:4px 4px 4px  
4px #805D21 }
```

# Background

The CSS property to change the background color of an element to Hex 805D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805D21 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#805D21 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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