

Converting Colors

Hex(800D21)

Have a look what the booklet for
Hex(800D21) contains.

Hex(800D21)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(800D21)

Conversions

Conversions Part 1

Format	Color
Hex	800D21
RGB	128, 13, 33
RGB Percent	50%, 5%, 13%
CMY	0.4980, 0.9490, 0.8706
CMYK	0.00, 0.90, 0.74, 0.50
HSL	350°, 82%, 28%
HSV	350°, 90%, 50%
XYZ	9.3205, 4.9868, 1.9102
YIQ	49.6650, 62.1200, 30.6000

Conversions

Conversions Part 2

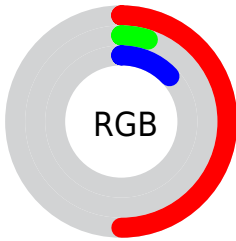
Format	Color
R_{YB}	128, 13, 33
Decimal	8391969
CIE _{Lab}	26.70, 46.53, 21.65
CIE _{LCh}	27, 51.320, 24.950
Yxy	4.9868, 0.5747, 0.3075
Android (android.graphics.Color)	4286582049 (0xFF800D21)
YUV	49.6650, -8.2158, 68.6998
Hunter-Lab	22.3313, 35.4219, 10.5604

Details

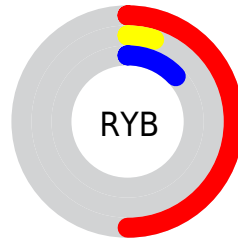
The Hex color **800D21** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **0D806C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **BB484D**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **800016**, and if you desaturate by 10%, it is **801A2C**.

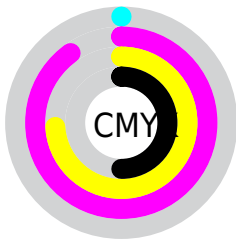
Distribution



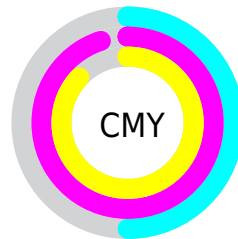
- Red (50%)
- Green (5%)
- Blue (13%)



- Red (50%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (74%)
- Black (50%)



- Cyan (50%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800D21 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 800D21 by changing the saturation by 10% instead.

 800D21

 800D21

FFFFFF

 63000B

 BB484D

 470000

 D96365

 2C0001

 F87E7E

 000000

 FF9998

 FF5B3

 FFD1CE

 FFEEEE

 800D21

 800D21

■ 800016

■ 801A2C

■ 802736

■ 803341

■ 80404B

■ 804D56

■ 805A60

■ 80676B

■ 807376

■ 808080

Harmonies

Analogous

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



7F0148



800D21



702900

Triad

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



800D21



004C0B



00468E

Complementary

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



800D21



0D806C

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.



004D7F



800D21



004F37

Square

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



800D21



2F4600



00505F



273887

Rectangle

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



800D21



5E3600



00505F



00498C

Sweetspot

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



800D21



A67981



6B0D80



54393E



D4D4D4



545454

Same Dimension

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



800D21



A6001D



80310D



40393A



800016



000000

Inverse Universe

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



800D21



A6001D



0D5C80



40393A



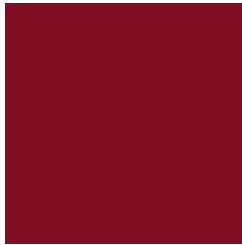
800016



000000

Previews

White Background



This preview shows how the Hex color 800D21 looks on a white background.

Color Contrast Check

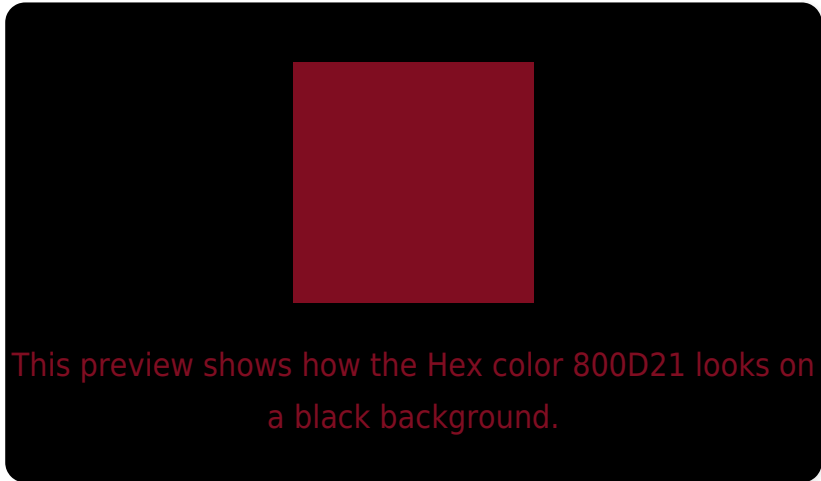
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 800D21 Background



This preview shows how black text looks on a background with the Hex color 800D21.



This preview shows how white text looks on a background with the Hex color 800D21.

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
800D21

Protanopia
464231

Deuteranopia
523E1A



Tritanopia
80120F

Trichromacy



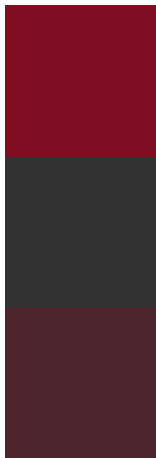
Original Color
800D21

Protanomaly
5B2F2B

Deuteranomaly
632C1D

Tritanomaly
801016

Monochromacy



Original Color
800D21

Achromatopsia
323232

Achromatomaly
4E252C

CSS Examples

Text

The CSS property to change the color of the text to Hex 800D21 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 #800D21 looks like.

```
.text, #text, p{  
    color:#800D21  
}
```

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 #800D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800D21
}
```

Border

The CSS property to change the border of an element to Hex 800D21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

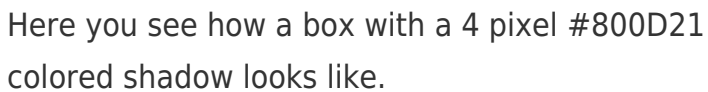
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800D21 }
```

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

```
.border{ border-color:#800D21 }
```

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



Here you see how a box with a 4 pixel #800D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800D21; -webkit-box-shadow:4px 4px  
4px 4px #800D21; box-shadow:4px 4px 4px  
4px #800D21 }
```

Background

The CSS property to change the background color of an element to Hex 800D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800D21 }
```

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

```
.background{ background-color:#800D21 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor