

# Converting Colors

Hex(807100)

Have a look what the booklet for  
Hex(807100) contains.

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**Color**

**Hex(807100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	807100
RGB	128, 113, 0
RGB Percent	50%, 44%, 0%
CMY	0.4980, 0.5569, 1.0000
CMYK	0.00, 0.12, 1.00, 0.50
HSL	53°, 100%, 25%
HSV	53°, 100%, 50%
XYZ	14.8072, 16.3994, 2.3850
YIQ	104.6030, 45.2130, -31.9630

# Conversions

## Conversions Part 2

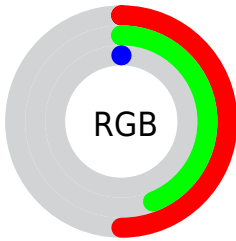
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 128, 0
Decimal	8417536
CIE Lab	47.49, -4.64, 53.51
CIE LCh	47, 53.715, 94.959
Yxy	16.3994, 0.4408, 0.4882
Android (android.graphics.Color)	4286607616 (0xFF807100)
YUV	104.6030, -51.5693, 20.5192
Hunter-Lab	40.4962, -5.6009, 24.8555

# Details

The Hex color **807100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000F80**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B8A43F**, and **4B4200** is the 20% darker color. If you saturate the color by 10%, you get **807100**, and if you desaturate by 10%, it is **80730D**.

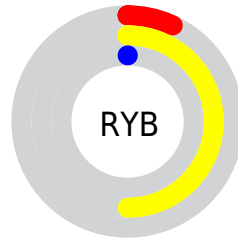
# Distribution



Red (50%)

Green (44%)

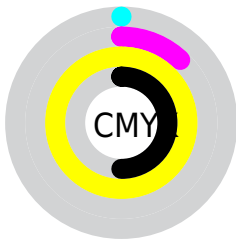
Blue (0%)



Red (7%)

Yellow (50%)

Blue (0%)

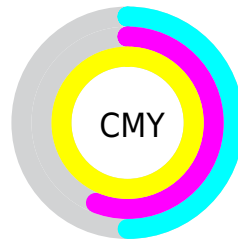


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807100 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 807100 by changing the saturation by 10% instead.



 807100

 807100

FFFFFF

 655900

 B8A43F

 4B4200

 D5BF59

 312C00

 F3DB73

 181800

 FFF88E

 000000

 FFFFA9

 FFFFC5

 FFFF E2

 807100

 80730D

 80741A

 807626

 807733

 807940

 807A4D

 807C5A

 807D66

 807F73

# Harmonies

## Analogous

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



A56019



807100



517D1E

# Triad

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



807100



0085A3



AD4D98

# Complementary

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



807100



000F80

# 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.



7B61BB



807100



007FC2

# Square

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



807100



008677



0074CB



C1436B

# Rectangle

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



807100



1F813A



0074CB



A053A5



# Sweetspot

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



807100



A6A074



800011



545136



D4D4D4



545454



# Same Dimension

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



807100



A69200



518000



403F39



000000

# Inverse Universe

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



000F80



0013A6



2F0080



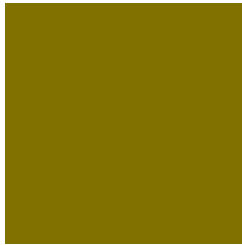
393A40



000000

# Previews

## White Background



This preview shows how the Hex color 807100 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 807100 Background



This preview shows how black text looks on a background with the Hex color 807100.



This preview shows how white text looks on a background with the Hex color 807100.

# 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**  
807100

**Protanopia**  
7F7102

**Deuteranopia**  
8F6B0E





**Tritanopia**  
866971

# Trichromacy



**Original Color**  
807100

**Protanomaly**  
7F7101

**Deuteranomaly**  
8A6D09

**Tritanomaly**  
846C48

# Monochromacy



**Original Color**  
807100

**Achromatopsia**  
696969

**Achromatomaly**  
716C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807100 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 #807100 looks like.

```
.text, #text, p{  
    color:#807100  
}
```

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 #807100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807100
}
```

## Border

The CSS property to change the border of an element to Hex 807100 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
#807100 }
```

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

```
.border{ border-color:#807100 }
```

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

Here you see how a box with a 4 pixel #807100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807100; -webkit-box-shadow:4px 4px  
4px 4px #807100; box-shadow:4px 4px 4px  
4px #807100 }
```

# Background

The CSS property to change the background color of an element to Hex 807100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807100 }
```

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

```
.background{ background-color:#807100 }
```

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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