

Converting Colors

Hex(807F00)

Have a look what the booklet for
Hex(807F00) contains.

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Color

Hex(807F00)

Conversions

Conversions Part 1

Format	Color
Hex	807F00
RGB	128, 127, 0
RGB Percent	50%, 50%, 0%
CMY	0.4980, 0.5020, 1.0000
CMYK	0.00, 0.01, 1.00, 0.50
HSL	60°, 100%, 25%
HSV	60°, 100%, 50%
XYZ	16.4915, 19.7679, 2.9464
YIQ	112.8210, 41.3630, -39.2850

Conversions

Conversions Part 2

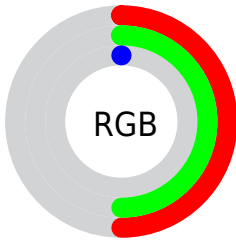
Format	Color
R_{YB}	1, 128, 0
Decimal	8421120
CIE _{Lab}	51.57, -12.39, 56.46
CIE _{LCh}	52, 57.806, 102.378
Yxy	19.7679, 0.4206, 0.5042
Android (android.graphics.Color)	4286611200 (0xFF807F00)
YUV	112.8210, -55.6208, 13.3120
Hunter-Lab	44.4611, -11.5981, 27.1937

Details

The Hex color **807F00** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **000180**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B8B342**, and **4B4E00** is the 20% darker color. If you saturate the color by 10%, you get **807F00**, and if you desaturate by 10%, it is **807F0D**.

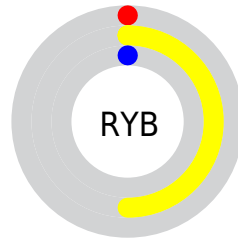
Distribution



Red (50%)

Green (50%)

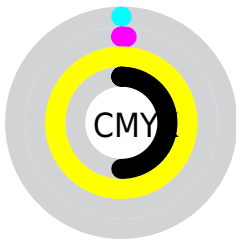
Blue (0%)



Red (0%)

Yellow (50%)

Blue (0%)

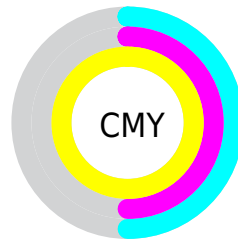


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807F00 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 807F00 by changing the saturation by 10% instead.

 807F00

 807F00


FFFFFF

 656600

 B8B342

 4B4E00

 D5CF5D

 313800

 F3EB77

 182200

 FFFF92

 000B00

 FFFFAE

 000000

 FFFFCA

 FFFF7E

 807F00

 807F0D

 807F1A

 807F26

 807F33

 808040

 80804D

 80805A

 808066

 808073

Harmonies

Analogous

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



AB6E11



807F00



488A2B

Triad

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



807F00



0090BD



C54F9A

Complementary

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



807F00



000180

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.



9764C5



807F00



0089D9

Square

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



807F00



00928F



347ADC



D44969

Rectangle

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



807F00



008F4A



347ADC



B955AA

Sweetspot

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



807F00



A6A574



800002



545436



D4D4D4



545454

Same Dimension

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



807F00



A6A400



428000



404039



000000

Inverse Universe

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



000180



0001A6



3E0080



393940



000000

Previews

White Background



This preview shows how the Hex color 807F00 looks on a white background.

Color Contrast Check

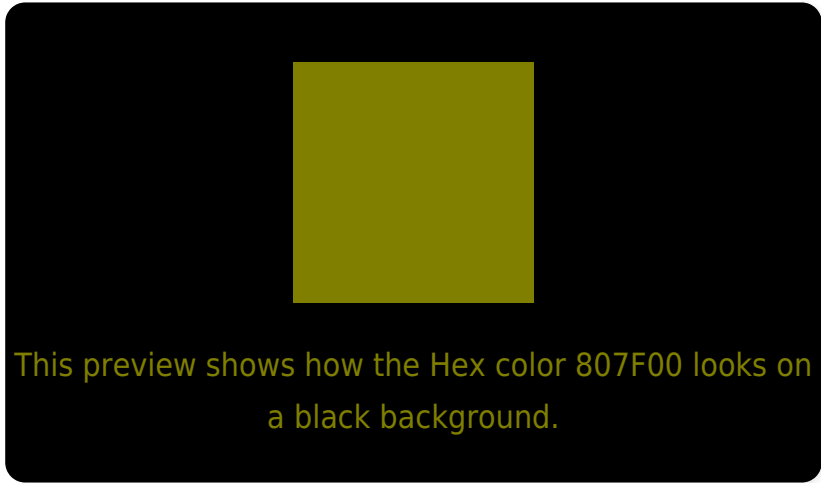
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

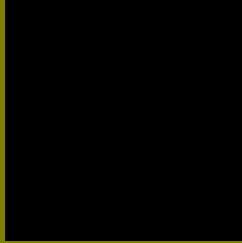
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 807F00 Background



This preview shows how black text looks on a background with the Hex color 807F00.



This preview shows how white text looks on a background with the Hex color 807F00.

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
807F00

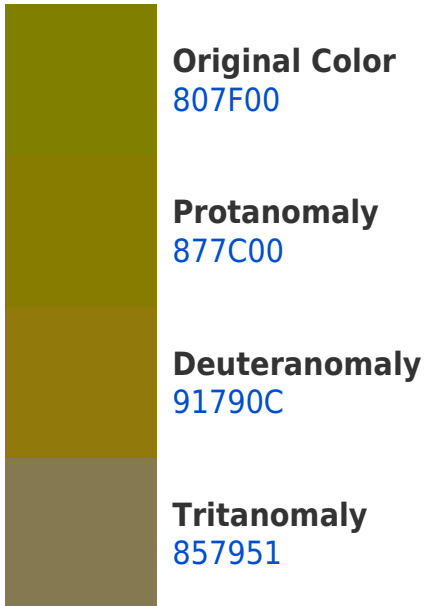
Protanopia
8B7B00

Deuteranopia
9B7513

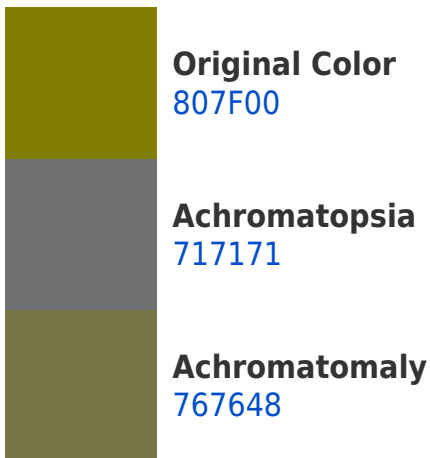


Tritanopia
88767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 807F00 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 #807F00 looks like.

```
.text, #text, p{  
    color:#807F00  
}
```

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 #807F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807F00
}
```

Border

The CSS property to change the border of an element to Hex 807F00 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
#807F00 }
```

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

```
.border{ border-color:#807F00 }
```

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

Here you see how a box with a 4 pixel #807F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807F00; -webkit-box-shadow:4px 4px  
4px 4px #807F00; box-shadow:4px 4px 4px  
4px #807F00 }
```

Background

The CSS property to change the background color of an element to Hex 807F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807F00 }
```

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

```
.background{ background-color:#807F00 }
```

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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