

Converting Colors

Hex(7F0100)

Have a look what the booklet for
Hex(7F0100) contains.

Hex(7F0100)	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(7F0100)

Conversions

Conversions Part 1

Format	Color
Hex	7F0100
RGB	127, 1, 0
RGB Percent	50%, 0%, 0%
CMY	0.5020, 0.9961, 1.0000
CMYK	0.00, 0.99, 1.00, 0.50
HSL	0°, 100%, 25%
HSV	0°, 100%, 50%
XYZ	8.7633, 4.5337, 0.4132
YIQ	38.5600, 75.4170, 26.4010

Conversions

Conversions Part 2

Format	Color
RYB	127, 1, 0
Decimal	8323328
CIELab	25.36, 47.59, 37.82
CIELCh	25, 60.789, 38.472
Yxy	4.5337, 0.6392, 0.3307
Android (android.graphics.Color)	4286513408 (0xFF7F0100)
YUV	38.5600, -19.0101, 77.5619
Hunter-Lab	21.2926, 36.2022, 13.7542

Details

The Hex color **7F0100** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **007E7F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **BC432E**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7F0100**, and if you desaturate by 10%, it is **7F0E0D**.

Distribution



Red (50%)

Green (0%)

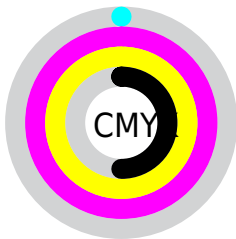
Blue (0%)



Red (50%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0100 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 7F0100 by changing the saturation by 10% instead.

 7F0100

 7F0100

 FFFFE3

 610000

 BC432E

 440000

 DA5D46

 290001

 FA785E

 000000

 FF9377

 FFAF91

 FFCBAB

 FFE8C7

 7F0100

 7F0E0D

 7F1A19

 7F2726

 7F3333

 7F4040

 7F4D4C

 7F5959

 7F6666

 7F7272

Harmonies

Analogous

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



880032



7F0100



652C00

Triad

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



7F0100



004C17



003F99

Complementary

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



7F0100



007E7F

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.



004A93



7F0100



004E49

Square

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



7F0100



004800



004E75



482786

Rectangle

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



7F0100



4D3A00



004E75



00449A

Sweetspot

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



7F0100



A67474



7F007F



543636



D4D4D4



545454

Same Dimension

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



7F0100



A60100



7F4000



403939



800100



000000

Inverse Universe

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



007E7F



00A4A6



00407F



394040



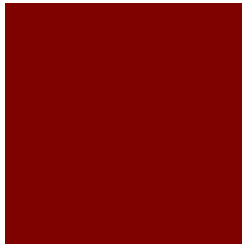
007E80



000000

Previews

White Background



This preview shows how the Hex color 7F0100 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 7F0100 Background



This preview shows how black text looks on a background with the Hex color 7F0100.



This preview shows how white text looks on a background with the Hex color 7F0100.

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



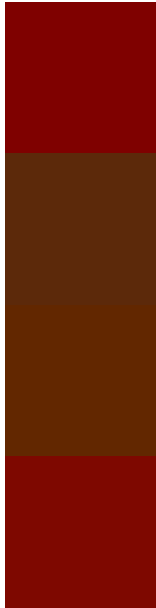
Original Color
7F0100

Protanopia
484010

Deuteranopia
513D00



Trichromacy



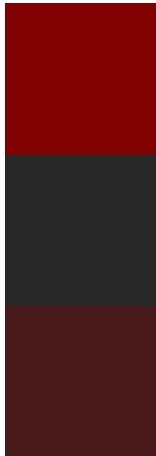
Original Color
7F0100

Protanomaly
5C290A

Deuteranomaly
622700

Tritanomaly
7E0800

Monochromacy



Original Color
7F0100

Achromatopsia
272727

Achromatomaly
471919

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0100 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 #7F0100 looks like.

```
.text, #text, p{  
    color:#7F0100  
}
```

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 #7F0100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0100
}
```

Border

The CSS property to change the border of an element to Hex 7F0100 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
#7F0100 }
```

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

```
.border{ border-color:#7F0100 }
```

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

Here you see how a box with a 4 pixel #7F0100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0100; -webkit-box-shadow:4px 4px  
4px 4px #7F0100; box-shadow:4px 4px 4px  
4px #7F0100 }
```

Background

The CSS property to change the background color of an element to Hex 7F0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0100 }
```

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

```
.background{ background-color:#7F0100 }
```

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