

Converting Colors

Hex(7C680C)

Have a look what the booklet for
Hex(7C680C) contains.

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Color

Hex(7C680C)

Conversions

Conversions Part 1

Format	Color
Hex	7C680C
RGB	124, 104, 12
RGB Percent	49%, 41%, 5%
CMY	0.5137, 0.5922, 0.9529
CMYK	0.00, 0.16, 0.90, 0.51
HSL	49°, 82%, 27%
HSV	49°, 90%, 49%
XYZ	13.3289, 14.2123, 2.3886
YIQ	99.4920, 41.4520, -24.3720

Conversions

Conversions Part 2

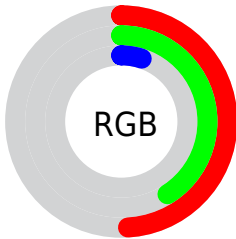
Format	Color
RYB	36, 124, 12
Decimal	8153100
CIELab	44.54, -1.16, 48.38
CIElCh	45, 48.399, 91.374
Yxy	14.2123, 0.4453, 0.4749
Android (android.graphics.Color)	4286343180 (0xFF7C680C)
YUV	99.4920, -43.1336, 21.4935
Hunter-Lab	37.6992, -2.8633, 22.6329

Details

The Hex color **7C680C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C207C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B49B43**, and **473900** is the 20% darker color. If you saturate the color by 10%, you get **7C6600**, and if you desaturate by 10%, it is **7C6A18**.

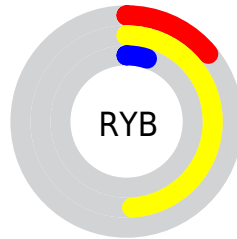
Distribution



Red (49%)

Green (41%)

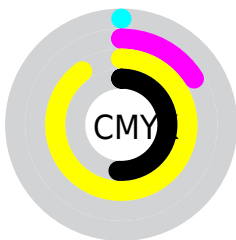
Blue (5%)



Red (14%)

Yellow (49%)

Blue (5%)

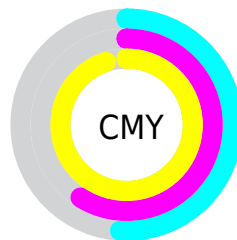


Cyan (0%)

Magenta (16%)

Yellow (90%)

Black (51%)



Cyan (51%)

Magenta (59%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C680C 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 7C680C by changing the saturation by 10% instead.

 7C680C

 7C680C

FFFFFF

 615000

 B49B43

 473900

 D1B65C

 2D2400

 EED176

 141000

 FFED91

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 7C680C

 7C680C

■ 7C6600

■ 7C6A18

■ 7C6C25

■ 7C6F31

■ 7C713E

■ 7C734A

■ 7C7556

■ 7C7863

■ 7C7A6F

■ 7C7C7C

Harmonies

Analogous

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



9C5920



7C680C



53731D

Triad

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



7C680C



007C92



9B4C91

Complementary

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



7C680C



0C207C

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.



6C5EAE



7C680C



0077B0

Square

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



7C680C



007C6A



006DBA



B04269

Rectangle

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



7C680C



2E7834



006DBA



8F529C

Sweetspot

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



7C680C



A19975



7C0C21



524D37



D1D1D1



525252

Same Dimension

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



7C680C



A18400



597C0C



3D3C37



7D6700



FCCF00

Inverse Universe

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



0C207C



001DA1



2F0C7C



37383D



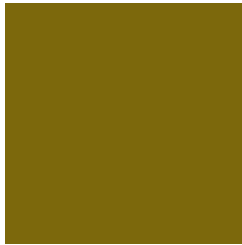
00167D



002DFC

Previews

White Background



This preview shows how the Hex color 7C680C 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

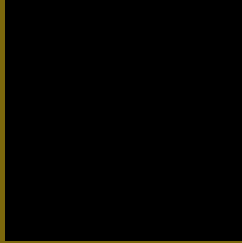
Any Text WCAG AA × Fail

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 7C680C Background



This preview shows how black text looks on a background with the Hex color 7C680C.



This preview shows how white text looks on a background with the Hex color 7C680C.

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
7C680C

Protanopia
776A0D

Deuteranopia
856410



Tritanopia
826168

Trichromacy



Original Color
7C680C

Protanomaly
79690D

Deuteranomaly
82650F

Tritanomaly
806447

Monochromacy



Original Color
7C680C

Achromatopsia
636363

Achromatomaly
6C6543

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C680C 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 #7C680C looks like.

```
.text, #text, p{  
    color:#7C680C  
}
```

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 #7C680C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C680C
}
```

Border

The CSS property to change the border of an element to Hex 7C680C 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
#7C680C }
```

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

```
.border{ border-color:#7C680C }
```

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

Here you see how a box with a 4 pixel #7C680C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C680C; -webkit-box-shadow:4px 4px  
4px 4px #7C680C; box-shadow:4px 4px 4px  
4px #7C680C }
```

Background

The CSS property to change the background color of an element to Hex 7C680C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C680C }
```

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

```
.background{ background-color:#7C680C }
```

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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