

Converting Colors

Hex(785E0C)

Have a look what the booklet for
Hex(785E0C) contains.

Hex(785E0C)	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(785E0C)

Conversions

Conversions Part 1

Format	Color
Hex	785E0C
RGB	120, 94, 12
RGB Percent	47%, 37%, 5%
CMY	0.5294, 0.6314, 0.9529
CMYK	0.00, 0.22, 0.90, 0.53
HSL	46°, 82%, 26%
HSV	46°, 90%, 47%
XYZ	11.8148, 12.0250, 2.0462
YIQ	92.4260, 41.8180, -19.9900

Conversions

Conversions Part 2

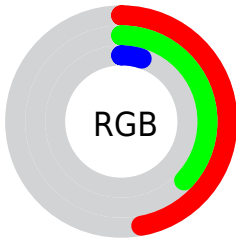
Format	Color
R_{YB}	46, 120, 12
Decimal	7888396
CIE Lab	41.26, 2.74, 45.54
CIE LCh	41, 45.627, 86.553
Yxy	12.0250, 0.4564, 0.4645
Android (android.graphics.Color)	4286078476 (0xFF785E0C)
YUV	92.4260, -39.6500, 24.1824
Hunter-Lab	34.6771, 0.1316, 20.7755

Details

The Hex color **785E0C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C2678**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B09041**, and **433000** is the 20% darker color. If you saturate the color by 10%, you get **785B00**, and if you desaturate by 10%, it is **786118**.

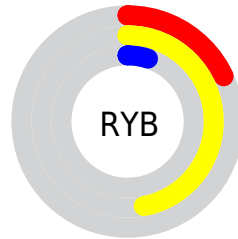
Distribution



Red (47%)

Green (37%)

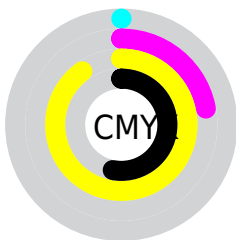
Blue (5%)



Red (18%)

Yellow (47%)

Blue (5%)

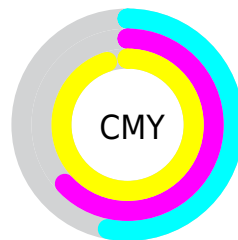


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (53%)



Cyan (53%)

Magenta (63%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785E0C 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 785E0C by changing the saturation by 10% instead.

 785E0C

 785E0C

FFFFFFE

 5D4700

 B09041

 433000

 CDAA5A

 2A1C00

 EAC674

 0E0200

 FFE28E

 000000

 FFFEA9

 FFFFC5

 FFFFE1

 785E0C

 785E0C

■ 785B00

■ 786118

■ 786424

■ 786730

■ 786A3C

■ 786C48

■ 786F54

■ 787260

■ 78756C

■ 787878

Harmonies

Analogous

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



944F22



785E0C



546917

Triad

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



785E0C



007382



8A498B

Complementary

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



785E0C



0C2678

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.



5959A5



785E0C



006F9F

Square

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



785E0C



00735C



0067AC



A23D67

Rectangle

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



785E0C



346E2A



0067AC



7D4E95

Sweetspot

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



785E0C



9C9172



780C27



4F4936



CFCFCF



4F4F4F

Same Dimension

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



785E0C



9C7600



5D780C



3D3C37



7D5F00



FCC000

Inverse Universe

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



0C2678



00259C



270C78



37393D



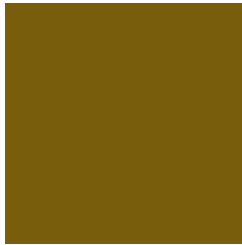
001E7D



003DFC

Previews

White Background



This preview shows how the Hex color 785E0C looks on a white background.

Color Contrast Check

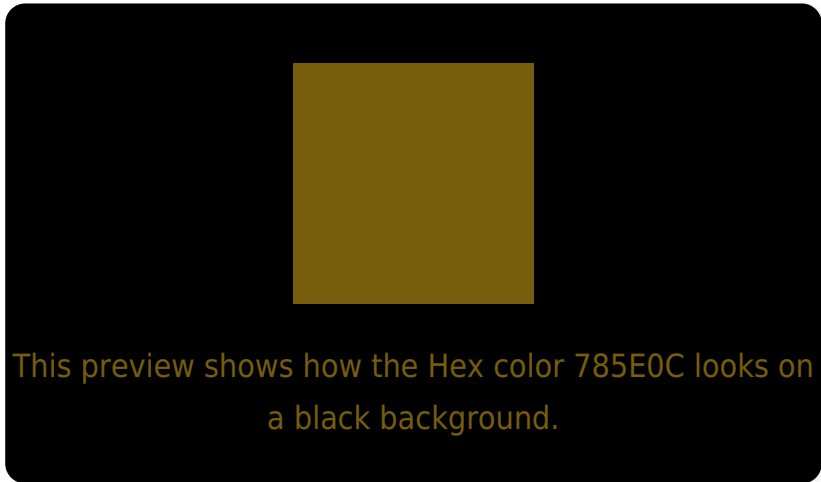
Large Text (above 18pt) WCAG AA ✓ Pass

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 785E0C Background



This preview shows how black text looks on a background with the Hex color 785E0C.



This preview shows how white text looks on a background with the Hex color 785E0C.

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
785E0C

Protanopia
6E620D

Deuteranopia
7B5D0D



Tritanopia
7D575E

Trichromacy



Original Color
785E0C

Protanomaly
72610D

Deuteranomaly
7A5D0D

Tritanomaly
7B5A40

Monochromacy



Original Color
785E0C

Achromatopsia
5C5C5C

Achromatomaly
665D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 785E0C 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 #785E0C looks like.

```
.text, #text, p{  
    color:#785E0C  
}
```

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 #785E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785E0C }  
}
```

Border

The CSS property to change the border of an element to Hex 785E0C 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 #785E0C }  
}
```

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

```
.border{ border-color:#785E0C }
```

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

Here you see how a box with a 4 pixel #785E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785E0C; -webkit-box-shadow:4px 4px  
4px 4px #785E0C; box-shadow:4px 4px 4px  
4px #785E0C }
```

Background

The CSS property to change the background color of an element to Hex 785E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785E0C }
```

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

```
.background{ background-color:#785E0C }
```

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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