

Converting Colors

Hex(781700)

Have a look what the booklet for
Hex(781700) contains.

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Color

Hex(781700)

Conversions

Conversions Part 1

Format	Color
Hex	781700
RGB	120, 23, 0
RGB Percent	47%, 9%, 0%
CMY	0.5294, 0.9098, 1.0000
CMYK	0.00, 0.81, 1.00, 0.53
HSL	12°, 100%, 24%
HSV	12°, 100%, 47%
XYZ	8.0521, 4.6059, 0.4646
YIQ	49.3810, 65.1950, 13.4110

Conversions

Conversions Part 2

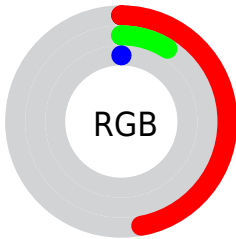
Format	Color
R_{YB}	120, 28, 0
Decimal	7870208
CIE Lab	25.58, 40.37, 37.46
CIE LCh	26, 55.071, 42.859
Yxy	4.6059, 0.6136, 0.3510
Android (android.graphics.Color)	4286060288 (0xFF781700)
YUV	49.3810, -24.3448, 61.9329
Hunter-Lab	21.4613, 29.4148, 13.7393

Details

The Hex color **781700** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006178**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B34C2F**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **781700**, and if you desaturate by 10%, it is **78210C**.

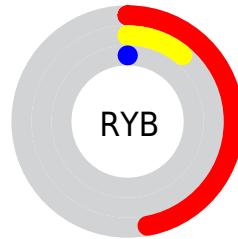
Distribution



Red (47%)

Green (9%)

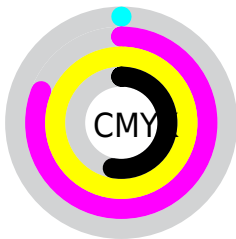
Blue (0%)



Red (47%)

Yellow (11%)

Blue (0%)

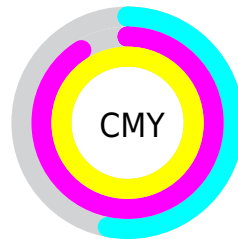


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781700 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 781700 by changing the saturation by 10% instead.

 781700

 781700

 FFFFE4

 5B0000

 B34C2F

 3F0000

 D26546

 230001

 F0805E

 000000

 FF9B77

 FFB691

 FFD2AC

 FFEFC8

 781700

 78210C

 782A18

 783424

 783E30

 78473C

 785148

 785B54

 786560

 786E6C

Harmonies

Analogous

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



83002D



781700



5F3200

Triad

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



781700



004C22



003C90

Complementary

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



781700



006178

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.



00488E



781700



004D4E

Square

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



781700



004800



004D75



52267B

Rectangle

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



781700



483C00



004D75



004192

Sweetspot

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



781700



9C766D



780062



4F3833



CFCFCF



4F4F4F

Same Dimension

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



781700



9C1E00



785200



3D3837



7D1800



FC3000

Inverse Universe

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



006178



007E9C



002678



373C3D



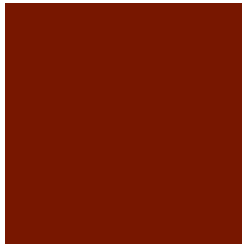
00657D



00CCFC

Previews

White Background



This preview shows how the Hex color 781700 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

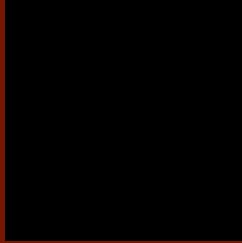
Any Text WCAG AA × Fail

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 781700 Background



This preview shows how black text looks on a background with the Hex color 781700.



This preview shows how white text looks on a background with the Hex color 781700.

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
781700

Protanopia
473F0E

Deuteranopia
4F3C00

Trichromacy



Original Color
781700

Protanomaly
593009

Deuteranomaly
5E2F00

Tritanomaly
78160D

Monochromacy



Original Color
781700

Achromatopsia
313131

Achromatomaly
4B281F

CSS Examples

Text

The CSS property to change the color of the text to Hex 781700 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 #781700 looks like.

```
.text, #text, p{  
    color:#781700  
}
```

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 #781700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781700
}
```

Border

The CSS property to change the border of an element to Hex 781700 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
#781700 }
```

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

```
.border{ border-color:#781700 }
```

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

Here you see how a box with a 4 pixel #781700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781700; -webkit-box-shadow:4px 4px  
4px 4px #781700; box-shadow:4px 4px 4px  
4px #781700 }
```

Background

The CSS property to change the background color of an element to Hex 781700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781700 }
```

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

```
.background{ background-color:#781700 }
```

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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