

Converting Colors

Hex(784710)

Have a look what the booklet for
Hex(784710) contains.

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Color

Hex(784710)

Conversions

Conversions Part 1

Format	Color
Hex	784710
RGB	120, 71, 16
RGB Percent	47%, 28%, 6%
CMY	0.5294, 0.7216, 0.9373
CMYK	0.00, 0.41, 0.87, 0.53
HSL	32°, 76%, 27%
HSV	32°, 87%, 47%
XYZ	10.0925, 8.5370, 1.6061
YIQ	79.3810, 46.8590, -6.7170

Conversions

Conversions Part 2

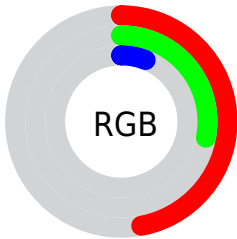
Format	Color
R_{YB}	109, 120, 16
Decimal	7882512
CIE Lab	35.08, 16.61, 39.01
CIE LCh	35, 42.403, 66.941
Yxy	8.5370, 0.4988, 0.4219
Android (android.graphics.Color)	4286072592 (0xFF784710)
YUV	79.3810, -31.2468, 35.6229
Hunter-Lab	29.2181, 10.5258, 17.1936

Details

The Hex color **784710** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **104178**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B17840**, and **421B00** is the 20% darker color. If you saturate the color by 10%, you get **784104**, and if you desaturate by 10%, it is **784D1C**.

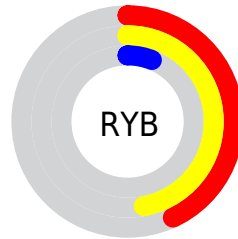
Distribution



Red (47%)

Green (28%)

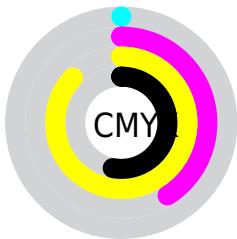
Blue (6%)



Red (43%)

Yellow (47%)

Blue (6%)

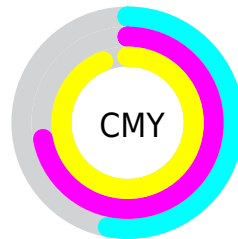


Cyan (0%)

Magenta (41%)

Yellow (87%)

Black (53%)



Cyan (53%)

Magenta (72%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784710 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 784710 by changing the saturation by 10% instead.

 784710

 784710

 FFFFFB

 5D3000

 B17840

 421B00

 CE9158

 290500

 EBAC72

 000000

 FFC78B

 FFE3A6

 FFFFC2

 FFFFDE

 784710

 784710

■ 784104

■ 784D1C

■ 783F00

■ 785228

■ 785834

■ 785E40

■ 78634C

■ 786958

■ 786F64

■ 787470

■ 787A7C

Harmonies

Analogous

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



8B392C



784710



5C5303

Triad

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



784710



00625A



5E4689

Complementary

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



784710



104178

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.



035496



784710



00617A

Square

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



784710



006137



005D91



81376E

Rectangle

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



784710



455A0E



005D91



4C4B8F

Sweetspot

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



784710



9C8873



781042



4F4437



CFCFCF



4F4F4F

Same Dimension

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



784710



9C5200



767810



3D3A37



7D4200



FC8600

Inverse Universe

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



104178



00499C



121078



373A3D



003B7D



0077FC

Previews

White Background



This preview shows how the Hex color 784710 looks on a white background.

Color Contrast Check

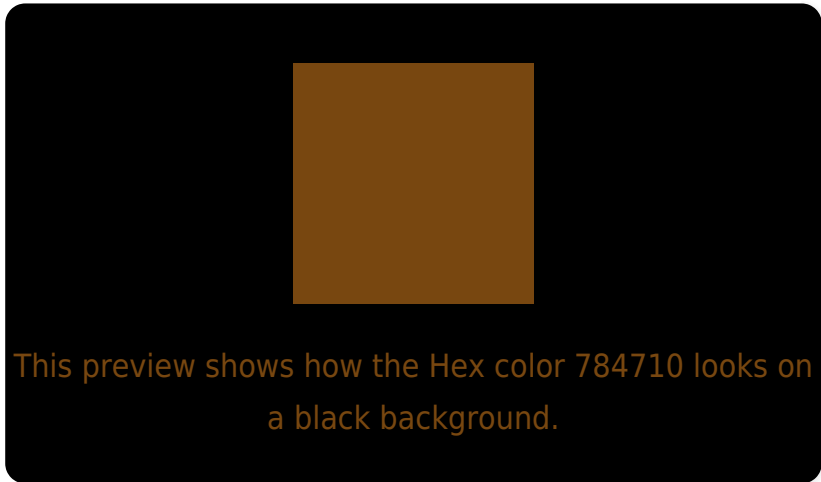
Large Text (above 18pt) WCAG AA ✓ Pass

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 784710 Background



This preview shows how black text looks on a background with the Hex color 784710.



This preview shows how white text looks on a background with the Hex color 784710.

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
784710

Protanopia
5D5313

Deuteranopia
694F0A



Tritanopia
7B4247

Trichromacy



Original Color
784710

Protanomaly
674F12

Deuteranomaly
6E4C0C

Tritanomaly
7A4433

Monochromacy



Original Color
784710

Achromatopsia
4F4F4F

Achromatomaly
5E4C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 784710 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 #784710 looks like.

```
.text, #text, p{  
    color:#784710  
}
```

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 #784710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784710
}
```

Border

The CSS property to change the border of an element to Hex 784710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

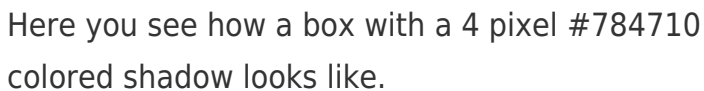
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784710 }
```

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

```
.border{ border-color:#784710 }
```

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



Here you see how a box with a 4 pixel #784710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784710; -webkit-box-shadow:4px 4px  
4px 4px #784710; box-shadow:4px 4px 4px  
4px #784710 }
```

Background

The CSS property to change the background color of an element to Hex 784710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784710 }
```

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

```
.background{ background-color:#784710 }
```

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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