

Converting Colors

Hex(784715)

Have a look what the booklet for
Hex(784715) contains.

Hex(784715)	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(784715)

Conversions

Conversions Part 1

Format	Color
Hex	784715
RGB	120, 71, 21
RGB Percent	47%, 28%, 8%
CMY	0.5294, 0.7216, 0.9176
CMYK	0.00, 0.41, 0.82, 0.53
HSL	30°, 70%, 28%
HSV	30°, 82%, 47%
XYZ	10.1343, 8.5537, 1.8264
YIQ	79.9510, 45.2540, -5.1620

Conversions

Conversions Part 2

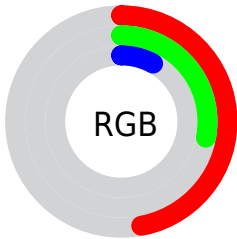
Format	Color
R _Y B	118, 120, 21
Decimal	7882517
CIE Lab	35.11, 16.79, 36.93
CIE LCh	35, 40.564, 65.547
Yxy	8.5537, 0.4940, 0.4170
Android (android.graphics.Color)	4286072597 (0xFF784715)
YUV	79.9510, -29.0628, 35.1230
Hunter-Lab	29.2467, 10.6707, 16.7702

Details

The Hex color **784715** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **154678**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B07844**, and **421B00** is the 20% darker color. If you saturate the color by 10%, you get **784109**, and if you desaturate by 10%, it is **784D21**.

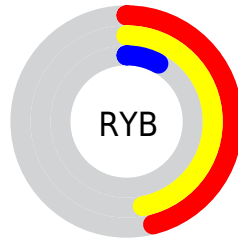
Distribution



Red (47%)

Green (28%)

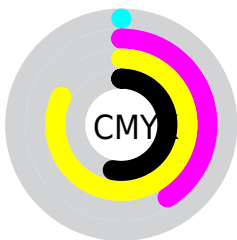
Blue (8%)



Red (46%)

Yellow (47%)

Blue (8%)

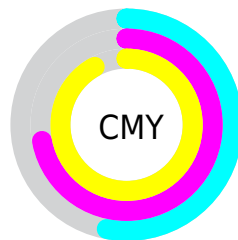


Cyan (0%)

Magenta (41%)

Yellow (82%)

Black (53%)



Cyan (53%)

Magenta (72%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784715 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 784715 by changing the saturation by 10% instead.

 784715

 784715

FFFFFF

 5D3000

 B07844

 421B00

 CD915C

 290500

 EBAC76

 000000

 FFC790

 FFE3AA

 FFFFC6

 FFFFEE

 784715

 784715

■ 784109

■ 784D21

■ 783D00

■ 78532D

■ 785939

■ 785F45

■ 786551

■ 786B5D

■ 787169

■ 787775

■ 787C81

Harmonies

Analogous

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



893A2F



784715



5E5308

Triad

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



784715



006258



5B4788

Complementary

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



784715



154678

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.



085493



784715



006177

Square

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



784715



006036



005D8D



7E396E

Rectangle

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



784715



485911



005D8D



4A4C8D

Sweetspot

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



784715



9C8875



781546



4F4337



CFCFCF



4F4F4F

Same Dimension

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



784715



9C4F02



787815



3D3A37



7D3F00



FC8000

Inverse Universe

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



154678



024E9C



151578



373A3D



003E7D



007DFC

Previews

White Background



This preview shows how the Hex color 784715 looks on a white background.

Color Contrast Check

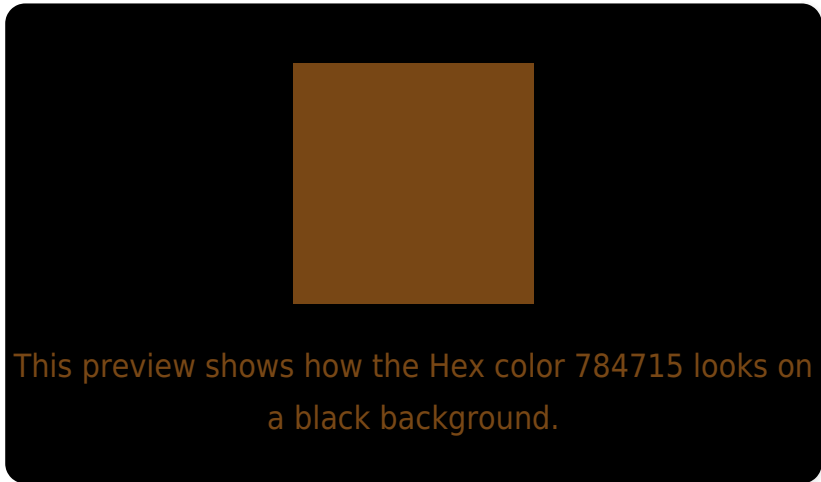
Large Text (above 18pt) WCAG AA ✓ Pass

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

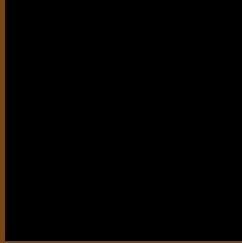
Any Text WCAG AA × Fail

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 784715 Background



This preview shows how black text looks on a background with the Hex color 784715.



This preview shows how white text looks on a background with the Hex color 784715.

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
784715

Protanopia
5D5318

Deuteranopia
694F11



Tritanopia
7A4247

Trichromacy



Original Color
784715

Protanomaly
674F17

Deuteranomaly
6E4C12

Tritanomaly
794435

Monochromacy



Original Color
784715

Achromatopsia
505050

Achromatomaly
5F4D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 784715 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 #784715 looks like.

```
.text, #text, p{  
    color:#784715  
}
```

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 #784715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784715
}
```

Border

The CSS property to change the border of an element to Hex 784715 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
#784715 }
```

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

```
.border{ border-color:#784715 }
```

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

Here you see how a box with a 4 pixel #784715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784715; -webkit-box-shadow:4px 4px  
4px 4px #784715; box-shadow:4px 4px 4px  
4px #784715 }
```

Background

The CSS property to change the background color of an element to Hex 784715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784715 }
```

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

```
.background{ background-color:#784715 }
```

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