

# Converting Colors

Hex(784515)

Have a look what the booklet for  
Hex(784515) contains.

<b>Hex(784515)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(784515)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784515
RGB	120, 69, 21
RGB Percent	47%, 27%, 8%
CMY	0.5294, 0.7294, 0.9176
CMYK	0.00, 0.43, 0.82, 0.53
HSL	29°, 70%, 28%
HSV	29°, 82%, 47%
XYZ	10.0092, 8.3035, 1.7847
YIQ	78.7770, 45.8040, -4.1160

# Conversions

## Conversions Part 2

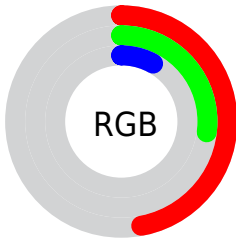
Format	Color
<a href="#">RYB</a>	<a href="#">120, 114, 21</a>
Decimal	<a href="#">7882005</a>
CIELab	<a href="#">34.61, 17.98, 36.45</a>
CIELCh	<a href="#">35, 40.644, 63.742</a>
Yxy	<a href="#">8.3035, 0.4980, 0.4132</a>
Android (android.graphics.Color)	<a href="#">4286072085 (0xFF784515)</a>
YUV	<a href="#">78.7770, -28.4841, 36.1526</a>
Hunter-Lab	<a href="#">28.8157, 11.5749, 16.4990</a>

# Details

The Hex color **784515** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **154878**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B07644**, and **421900** is the 20% darker color. If you saturate the color by 10%, you get **783F09**, and if you desaturate by 10%, it is **784B21**.

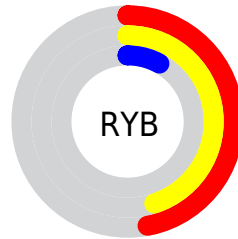
# Distribution



Red (47%)

Green (27%)

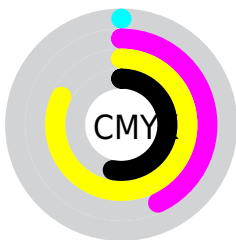
Blue (8%)



Red (47%)

Yellow (45%)

Blue (8%)

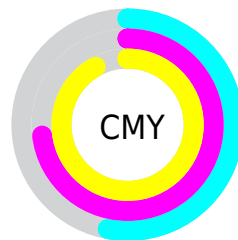


Cyan (0%)

Magenta (43%)

Yellow (82%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784515 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 784515 by changing the saturation by 10% instead.





784515



784515

FFFFFF



5D2E00



B07644



421900



CD8F5C



290200



EBA075



000000



FFC58F



FFE1AA



FFFE06



FFFFE2



784515



784515

■ 783F09

■ 784B21

■ 783A00

■ 78512D

■ 785839

■ 785E45

■ 786451

■ 786A5D

■ 787069

■ 787675

■ 787D81

# Harmonies

## Analogous

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



88382F



784515



5E5106

# Triad

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



784515



006155



574787

# Complementary

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



784515



154878

# 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.



005492



784515



006075

# Square

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



784515



005F33



005C8B



7C396F

# Rectangle

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



784515



49570E



005C8B



454C8D



# Sweetspot

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



784515



9C8875



781548



4F4337



CFCFCF



4F4F4F



# Same Dimension

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



784515



9C4C02



787615



3D3A37



7D3D00



FC7A00



# Inverse Universe

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



154878



02519C



151778



373A3D



00407D



0082FC



# Previews

## White Background



This preview shows how the Hex color 784515 looks on a white background.

## Color Contrast Check

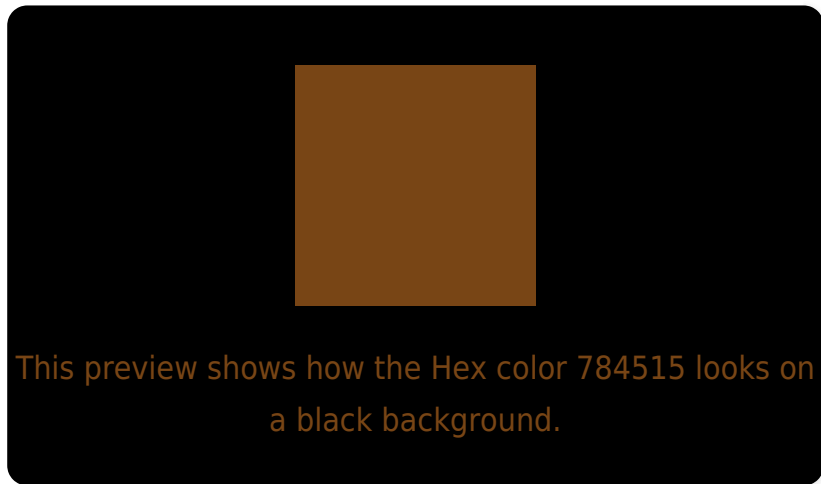
Large Text (above 18pt) WCAG AA ✓ Pass

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

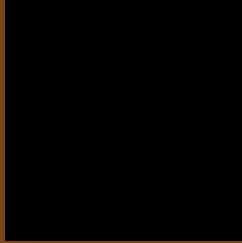
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 784515 Background



This preview shows how black text looks on a background with the Hex color 784515.



This preview shows how white text looks on a background with the Hex color 784515.

# 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**  
784515

**Protanopia**  
5C5218

**Deuteranopia**  
674E11



**Tritanopia**  
7A4045

# Trichromacy



**Original Color**  
784515

**Protanomaly**  
664D17

**Deuteranomaly**  
6D4B12

**Tritanomaly**  
794234

# Monochromacy



**Original Color**  
784515

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5E4B3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784515 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 #784515 looks like.

```
.text, #text, p{  
    color:#784515  
}
```

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 #784515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784515
}
```

## Border

The CSS property to change the border of an element to Hex 784515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

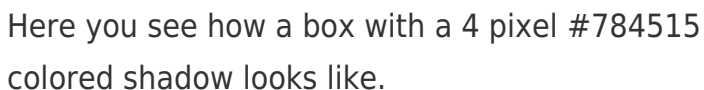
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784515 }
```

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

```
.border{ border-color:#784515 }
```

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



Here you see how a box with a 4 pixel #784515 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784515; -webkit-box-shadow:4px 4px  
4px 4px #784515; box-shadow:4px 4px 4px  
4px #784515 }
```

# Background

The CSS property to change the background color of an element to Hex 784515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784515 }
```

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

```
.background{ background-color:#784515 }
```

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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