

# Converting Colors

Hex(784B35)

Have a look what the booklet for  
Hex(784B35) contains.

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**Color**

**Hex(784B35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	784B35
RGB	120, 75, 53
RGB Percent	47%, 29%, 21%
CMY	0.5294, 0.7059, 0.7922
CMYK	0.00, 0.37, 0.56, 0.53
HSL	20°, 39%, 34%
HSV	20°, 56%, 47%
XYZ	10.9044, 9.2823, 4.5851
YIQ	85.9470, 33.8820, 2.6980

# Conversions

## Conversions Part 2

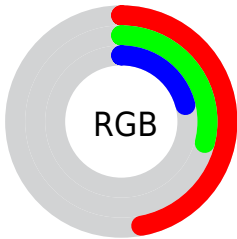
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 86, 53
Decimal	7883573
CIE Lab	36.52, 16.57, 20.97
CIE LCh	37, 26.727, 51.698
Yxy	9.2823, 0.4402, 0.3747
Android (android.graphics.Color)	4286073653 (0xFF784B35)
YUV	85.9470, -16.2429, 29.8645
Hunter-Lab	30.4668, 10.5702, 12.4039

# Details

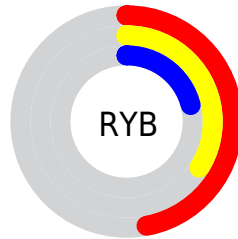
The Hex color **784B35** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **356278**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **AF7C64**, and **441E09** is the 20% darker color. If you saturate the color by 10%, you get **784329**, and if you desaturate by 10%, it is **785341**.

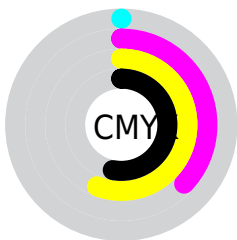
# Distribution



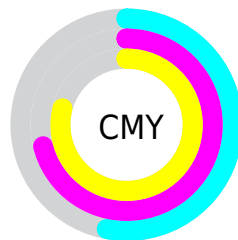
- Red (47%)
- Green (29%)
- Blue (21%)



- Red (47%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784B35 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 784B35 by changing the saturation by 10% instead.



 784B35

 784B35

FFFFFF

 5E341F

 AF7C64

 441E09

 CB967D

 2C0900

 E8B197

 040000

 FFCCB2

 000000

 FFE9CD

 FFFFEA

 784B35

 784B35

 784329

 785341

 783B1D

 785B4D

 783311

 786359

 782B05

 786B65

 782700

 787371

 787B7D

 788389

 788B95

 7894A1

# Harmonies

## Analogous

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



7F4547



784B35



69532B

# Triad

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



784B35



1A614F



4F537E

# Complementary

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



784B35



356278

# 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.



275A80



784B35



006165

# Square

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



784B35



3B5E3A



005F77



6B4B71

# Rectangle

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



784B35



5B572B



005F77



435580



# Sweetspot

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



784B35



9C8A81



783563



4F443F



CFCFCF



4F4F4F



# Same Dimension

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



784B35



9C5633



786C35



3D3937



7D2900



FC5300



# Inverse Universe

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



356278



33799C



354178



373B3D



00547D



00AAFC



# Previews

## White Background



This preview shows how the Hex color 784B35 looks on a white background.

## Color Contrast Check

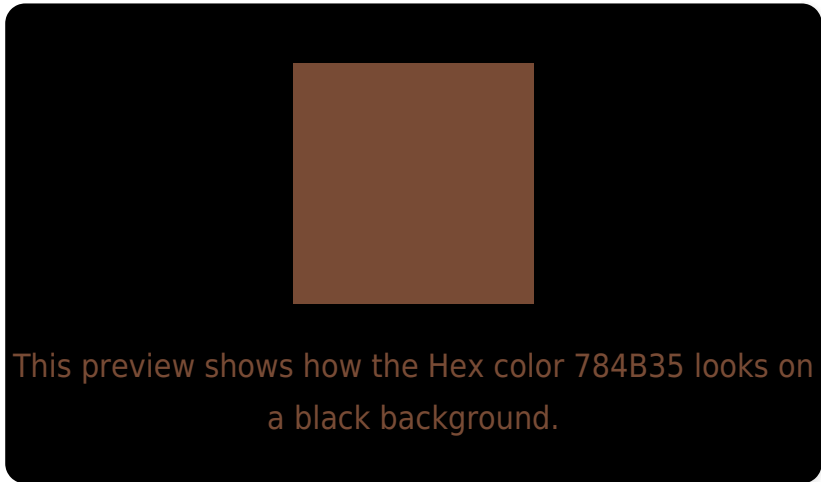
Large Text (above 18pt) WCAG AA ✓ Pass

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 784B35 Background



This preview shows how black text looks on a background with the Hex color 784B35.



This preview shows how white text looks on a background with the Hex color 784B35.

# 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**  
784B35

**Protanopia**  
5E5639

**Deuteranopia**  
695233



**Tritanopia**  
7A484D

# Trichromacy



**Original Color**  
784B35

**Protanomaly**  
675238

**Deuteranomaly**  
6E4F34

**Tritanomaly**  
794944

# Monochromacy



**Original Color**  
784B35

**Achromatopsia**  
565656

**Achromatomaly**  
62524A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784B35 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 #784B35 looks like.

```
.text, #text, p{  
    color:#784B35  
}
```

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 #784B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784B35
}
```

## Border

The CSS property to change the border of an element to Hex 784B35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

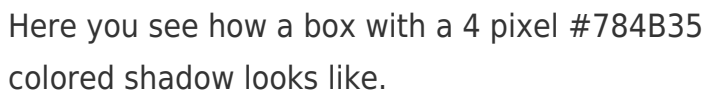
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784B35 }
```

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

```
.border{ border-color:#784B35 }
```

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



Here you see how a box with a 4 pixel #784B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784B35; -webkit-box-shadow:4px 4px  
4px 4px #784B35; box-shadow:4px 4px 4px  
4px #784B35 }
```

# Background

The CSS property to change the background color of an element to Hex 784B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784B35 }
```

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

```
.background{ background-color:#784B35 }
```

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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