

# Converting Colors

Hex(724835)

Have a look what the booklet for  
Hex(724835) contains.

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# Color

Hex(724835)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724835
RGB	114, 72, 53
RGB Percent	45%, 28%, 21%
CMY	0.5529, 0.7176, 0.7922
CMYK	0.00, 0.37, 0.54, 0.55
HSL	19°, 37%, 33%
HSV	19°, 54%, 45%
XYZ	9.8994, 8.4692, 4.4811
YIQ	82.3920, 31.1310, 2.9950

# Conversions

## Conversions Part 2

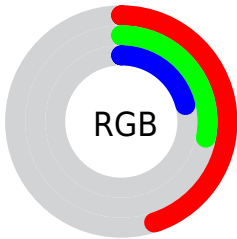
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 81, 53
Decimal	7489589
CIE Lab	34.94, 15.67, 18.78
CIE LCh	35, 24.460, 50.151
Yxy	8.4692, 0.4332, 0.3706
Android (android.graphics.Color)	4285679669 (0xFF724835)
YUV	82.3920, -14.4903, 27.7202
Hunter-Lab	29.1019, 9.7910, 11.2418

# Details

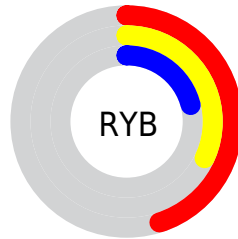
The Hex color **724835** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **355F72**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A87964**, and **3F1C09** is the 20% darker color. If you saturate the color by 10%, you get **72402A**, and if you desaturate by 10%, it is **725040**.

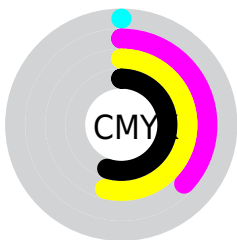
# Distribution



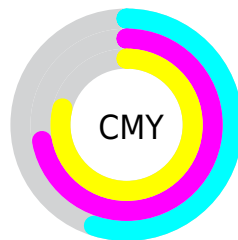
- Red (45%)
- Green (28%)
- Blue (21%)



- Red (45%)
- Yellow (32%)
- Blue (21%)



- Cyan (0%)
- Magenta (37%)
- Yellow (54%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724835 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 724835 by changing the saturation by 10% instead.



 724835

 724835

FFFFFF

 58311F

 A87964

 3F1C09

 C4937D

 280500

 E1AD97

 000000

 FEC9B2

 FFE5CD

 FFFFE9

 724835

 724835

 72402A

 725040

■ 72381E

■ 72584C

■ 723013

■ 726057

■ 722907

■ 726763

■ 722400

■ 726F6E

■ 727779

■ 727F85

■ 728790

■ 728F9C

# Harmonies

## Analogous

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



784346



724835



644F2C

# Triad

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



724835



205C4B



4B5077

# Complementary

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



724835



355F72

# 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.



285678



724835



005C5F

# Square

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



724835



3B5A38



005A70



64486B

# Rectangle

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



724835



58532B



005A70



405278



# Sweetspot

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



724835



94847C



723560



4A403C



C9C9C9



4A4A4A



# Same Dimension

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



724835



945335



726635



383432



782500



F74D00



# Inverse Universe

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



355F72



357694



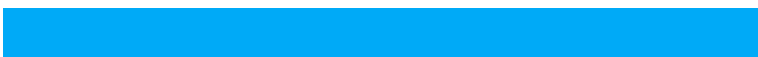
354172



323638



005378



00AAF7



# Previews

## White Background



This preview shows how the Hex color 724835 looks on a white background.

## Color Contrast Check

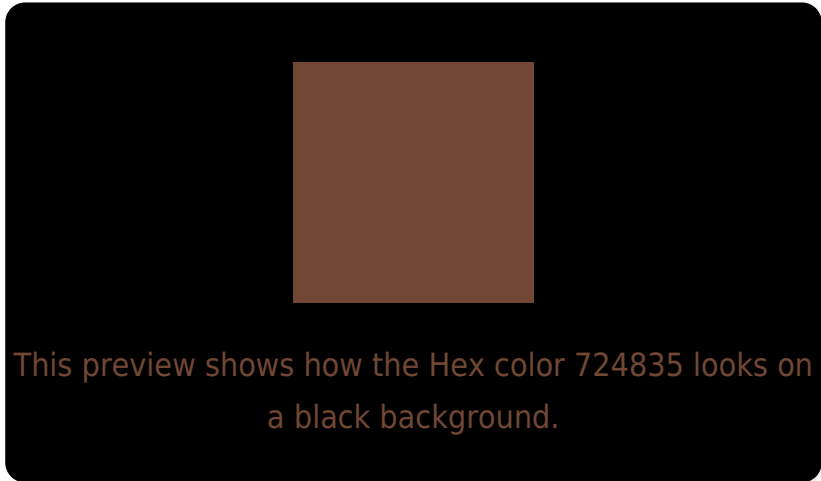
Large Text (above 18pt) WCAG AA ✓ Pass

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

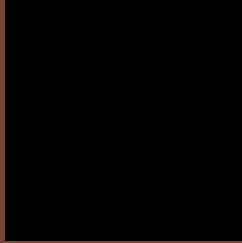
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 724835 Background



This preview shows how black text looks on a background with the Hex color 724835.



This preview shows how white text looks on a background with the Hex color 724835.

# 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**


724835

**Protanopia**

595339

**Deuteranopia**

644F34



**Tritanopia**  
74454A

# Trichromacy



**Original Color**  
724835

**Protanomaly**  
624F38

**Deuteranomaly**  
694C34

**Tritanomaly**  
734642

# Monochromacy



**Original Color**  
724835

**Achromatopsia**  
525252

**Achromatomaly**  
5E4E47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724835 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 #724835 looks like.

```
.text, #text, p{  
    color:#724835  
}
```

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 #724835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724835
}
```

## Border

The CSS property to change the border of an element to Hex 724835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

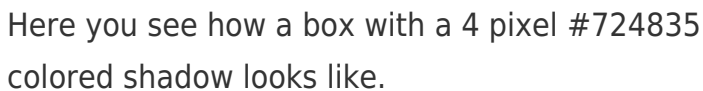
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724835 }
```

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

```
.border{ border-color:#724835 }
```

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



Here you see how a box with a 4 pixel #724835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724835; -webkit-box-shadow:4px 4px  
4px 4px #724835; box-shadow:4px 4px 4px  
4px #724835 }
```

# Background

The CSS property to change the background color of an element to Hex 724835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724835 }
```

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

```
.background{ background-color:#724835 }
```

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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