

# Converting Colors

Hex(724732)

Have a look what the booklet for  
Hex(724732) contains.

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**Color**

**Hex(724732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	724732
RGB	114, 71, 50
RGB Percent	45%, 28%, 20%
CMY	0.5529, 0.7216, 0.8039
CMYK	0.00, 0.38, 0.56, 0.55
HSL	20°, 39%, 32%
HSV	20°, 56%, 45%
XYZ	9.7684, 8.3142, 4.1076
YIQ	81.4630, 32.3690, 2.5850

# Conversions

## Conversions Part 2

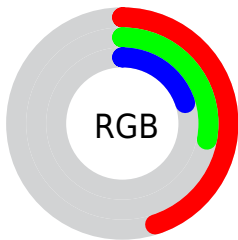
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 81, 50
Decimal	7489330
CIELab	34.63, 15.98, 20.21
CIELCh	35, 25.767, 51.675
Yxy	8.3142, 0.4402, 0.3747
Android (android.graphics.Color)	4285679410 (0xFF724732)
YUV	81.4630, -15.5113, 28.5349
Hunter-Lab	28.8343, 10.0116, 11.7379

# Details

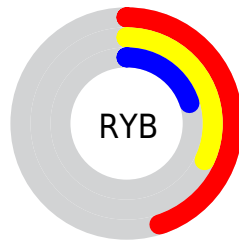
The Hex color **724732** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **325D72**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A87861**, and **3F1B04** is the 20% darker color. If you saturate the color by 10%, you get **723F27**, and if you desaturate by 10%, it is **724F3D**.

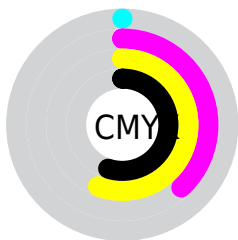
# Distribution



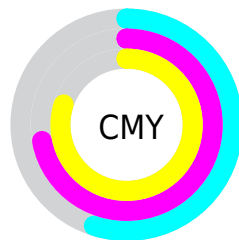
- Red (45%)
- Green (28%)
- Blue (20%)



- Red (45%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (38%)
- Yellow (56%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724732 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 724732 by changing the saturation by 10% instead.





724732



724732

FFFFFF



58301D



A87861



3F1B04



C4927A



270400



E1AC93



000000



FEC8AE



FFE4C9



FFFFE6



724732



724732



723F27



724F3D

■ 72381B

■ 725649

■ 723010

■ 725E54

■ 722804

■ 726660

■ 722500

■ 726D6B

■ 727576

■ 727D82

■ 72848D

■ 728C99

# Harmonies

## Analogous

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



794243



724732



634E28

# Triad

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



724732



185C4B



4B4E77

# Complementary

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



724732



325D72

# 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.



24557A



724732



005C60

# Square

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



724732



385937



005A71



66476B

# Rectangle

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



724732



565328



005A71



3F5179



# Sweetspot

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



724732



94837B



72325E



4A403B



C9C9C9



4A4A4A



# Same Dimension

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



724732



945131



726632



383432



782700



F75100



# Inverse Universe

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



325D72



317394



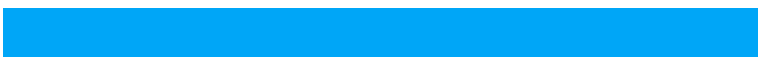
323E72



323638



005178



00A6F7



# Previews

## White Background



This preview shows how the Hex color 724732 looks on a white background.

## Color Contrast Check

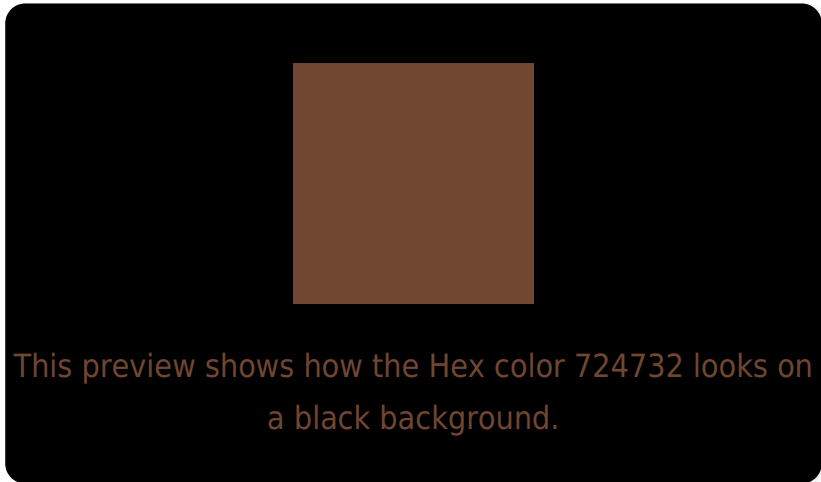
Large Text (above 18pt) WCAG AA ✓ Pass

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 724732 Background



This preview shows how black text looks on a background with the Hex color 724732.



This preview shows how white text looks on a background with the Hex color 724732.

# 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**  
724732

**Protanopia**  
595236

**Deuteranopia**  
634E31



**Tritanopia**  
744449

# Trichromacy



**Original Color**

724732

**Protanomaly**

624E35

**Deuteranomaly**

684B31

**Tritanomaly**

734541

# Monochromacy



**Original Color**

724732

**Achromatopsia**

515151

**Achromatomaly**

5D4D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724732 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 #724732 looks like.

```
.text, #text, p{  
    color:#724732  
}
```

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 #724732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724732
}
```

## Border

The CSS property to change the border of an element to Hex 724732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

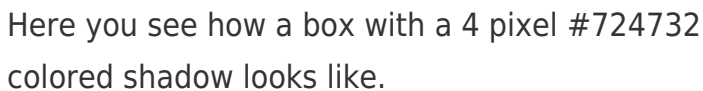
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724732 }
```

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

```
.border{ border-color:#724732 }
```

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



Here you see how a box with a 4 pixel #724732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724732; -webkit-box-shadow:4px 4px  
4px 4px #724732; box-shadow:4px 4px 4px  
4px #724732 }
```

# Background

The CSS property to change the background color of an element to Hex 724732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724732 }
```

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

```
.background{ background-color:#724732 }
```

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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