

# Converting Colors

Hex(724A32)

Have a look what the booklet for  
Hex(724A32) contains.

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**Color**

**Hex(724A32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724A32
RGB	114, 74, 50
RGB Percent	45%, 29%, 20%
CMY	0.5529, 0.7098, 0.8039
CMYK	0.00, 0.35, 0.56, 0.55
HSL	23°, 39%, 32%
HSV	23°, 56%, 45%
XYZ	9.9639, 8.7053, 4.1727
YIQ	83.2240, 31.5440, 1.0160

# Conversions

## Conversions Part 2

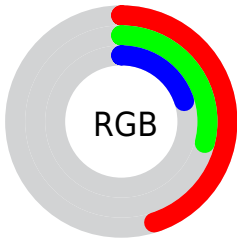
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 88, 50
Decimal	7490098
CIE Lab	35.41, 14.16, 21.21
CIE LCh	35, 25.503, 56.269
Yxy	8.7053, 0.4362, 0.3811
Android (android.graphics.Color)	4285680178 (0xFF724A32)
YUV	83.2240, -16.3794, 26.9906
Hunter-Lab	29.5047, 8.6475, 12.2681

# Details

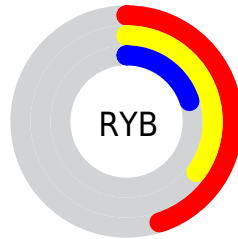
The Hex color **724A32** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **325A72**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A87B61**, and **3F1E04** is the 20% darker color. If you saturate the color by 10%, you get **724327**, and if you desaturate by 10%, it is **72513D**.

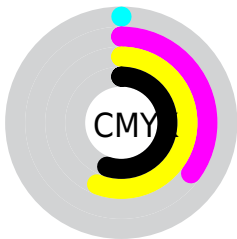
# Distribution



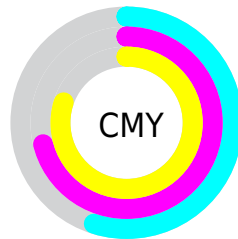
- Red (45%)
- Green (29%)
- Blue (20%)



- Red (45%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724A32 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 724A32 by changing the saturation by 10% instead.



 724A32

 724A32

FFFFFF

 58331C

 A87B61

 3F1E04

 C4957A

 270800

 E1AF94

 000000

 FECBAE

 FFE7CA

 FFFFE6

 724A32

 724A32

 724327

 72513D

■ 723C1B

■ 725849

■ 723510

■ 725F54

■ 722E04

■ 726760

■ 722B00

■ 726E6B

■ 727576

■ 727C82

■ 72838D

■ 728A99

# Harmonies

## Analogous

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



7A4442



724A32



62512A

# Triad

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



724A32



155E50



514F78

# Complementary

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



724A32



325A72

# 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.



2E567C



724A32



005E65

# Square

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



724A32



365C3C



005B75



6A486A

# Rectangle

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



724A32



55562B



005B75



47517A



# Sweetspot

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



724A32



94847B



72325B



4A413B



C9C9C9



4A4A4A



# Same Dimension

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



724A32



945631



726932



383532



782D00



F75D00



# Inverse Universe

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



325A72



316F94



323B72



323638



004B78



009BF7



# Previews

## White Background



This preview shows how the Hex color 724A32 looks on a white background.

## Color Contrast Check

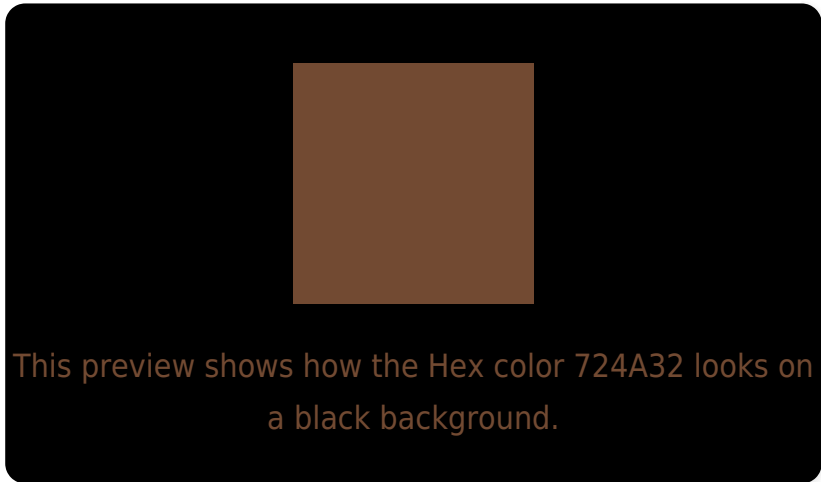
Large Text (above 18pt) WCAG AA ✓ Pass

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

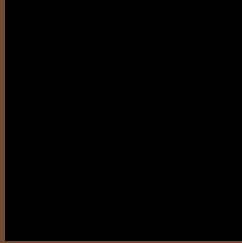
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 724A32 Background



This preview shows how black text looks on a background with the Hex color 724A32.



This preview shows how white text looks on a background with the Hex color 724A32.

# 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**  
724A32

**Protanopia**  
5B5436

**Deuteranopia**  
665031



**Tritanopia**  
74474C

# Trichromacy



**Original Color**

724A32

**Protanomaly**

635035

**Deuteranomaly**

6A4E31

**Tritanomaly**

734843

# Monochromacy



**Original Color**

724A32

**Achromatopsia**

535353

**Achromatomaly**

5E5047

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724A32 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 #724A32 looks like.

```
.text, #text, p{  
    color:#724A32  
}
```

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 #724A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724A32
}
```

## Border

The CSS property to change the border of an element to Hex 724A32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

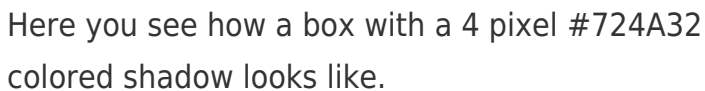
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724A32 }
```

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

```
.border{ border-color:#724A32 }
```

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



Here you see how a box with a 4 pixel #724A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724A32; -webkit-box-shadow:4px 4px  
4px 4px #724A32; box-shadow:4px 4px 4px  
4px #724A32 }
```

# Background

The CSS property to change the background color of an element to Hex 724A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724A32 }
```

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

```
.background{ background-color:#724A32 }
```

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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