

# Converting Colors

Hex(724A52)

Have a look what the booklet for  
Hex(724A52) contains.

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**Color**

**Hex(724A52)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724A52
RGB	114, 74, 82
RGB Percent	45%, 29%, 32%
CMY	0.5529, 0.7098, 0.6784
CMYK	0.00, 0.35, 0.28, 0.55
HSL	348°, 21%, 37%
HSV	348°, 35%, 45%
XYZ	10.9112, 9.0842, 9.1610
YIQ	86.8720, 21.2720, 10.9680

# Conversions

## Conversions Part 2

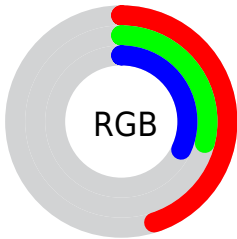
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 74, 82
Decimal	7490130
CIE Lab	36.15, 18.24, 2.27
CIE LCh	36, 18.379, 7.092
Yxy	9.0842, 0.3742, 0.3116
Android (android.graphics.Color)	4285680210 (0xFF724A52)
YUV	86.8720, -2.4019, 23.7913
Hunter-Lab	30.1399, 11.8753, 3.0769

# Details

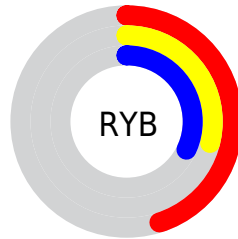
The Hex color **724A52** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4A726A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A77B83**, and **411D25** is the 20% darker color. If you saturate the color by 10%, you get **723F49**, and if you desaturate by 10%, it is **72555B**.

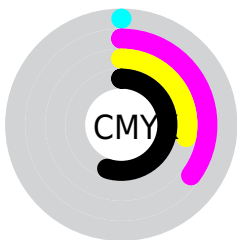
# Distribution



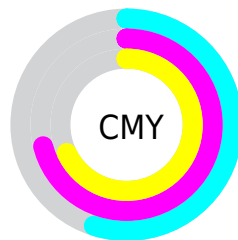
- Red (45%)
- Green (29%)
- Blue (32%)



- Red (45%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724A52 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 724A52 by changing the saturation by 10% instead.



 724A52

 724A52

FFFFFF

 59333B

 A77B83

 411D25

 C2959D

 2A0710

 DFB0B8

 040000

 FCCBD4

 000000

 FFE8F0

 724A52

 724A52

 723F49

 72555B

 723340

 726164

 722837

 726C6D

 721C2E

 727876

 721124

 728380

 72061B

 728E89

 720017

 729A92

 72A59B

 72B1A4

# Harmonies

## Analogous

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



6B4C61



724A52



714C44

# Triad

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



724A52



4C593D



325A70

# Complementary

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



724A52



4A726A

# 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.



265C66



724A52



3B5C49

# Square

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



724A52



5C5538



2B5D58



475572

# Rectangle

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



724A52



6C4F3D



2B5D58



2C5B6D



# Sweetspot

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



724A52



948487



6A4A72



4A4042



C9C9C9



4A4A4A



# Same Dimension

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



724A52



945662



72564A



383234



780018



F70031



# Inverse Universe

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



724A52



945662



4A6672



383234



780018

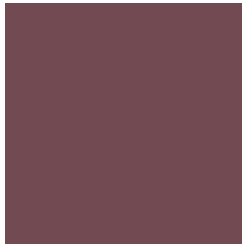


F70031



# Previews

## White Background



This preview shows how the Hex color 724A52 looks on a white background.

## Color Contrast Check

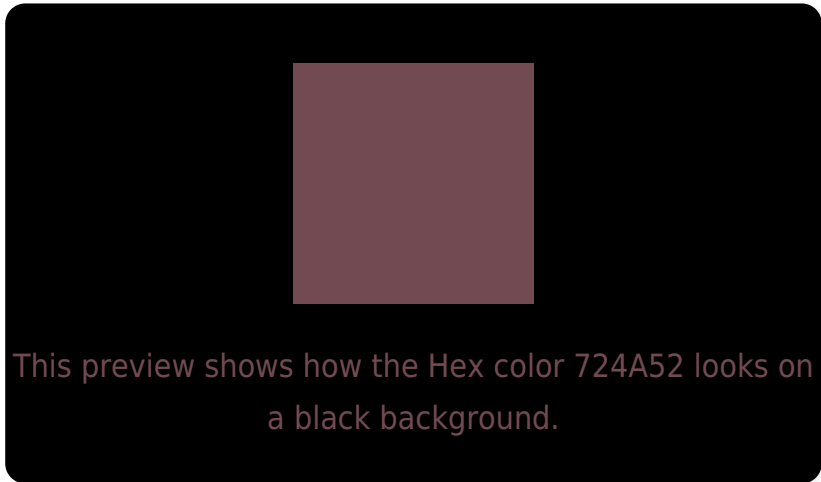
Large Text (above 18pt) WCAG AA ✓ Pass

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

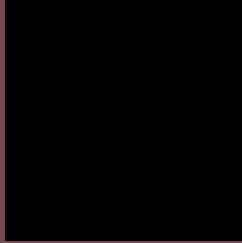
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 724A52 Background



This preview shows how black text looks on a background with the Hex color 724A52.



This preview shows how white text looks on a background with the Hex color 724A52.

# 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**  
724A52

**Protanopia**  
565558

**Deuteranopia**  
5F5250



**Tritanopia**  
724A50

# Trichromacy



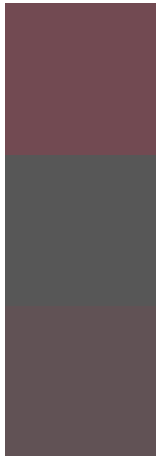
**Original Color**  
724A52

**Protanomaly**  
605156

**Deuteranomaly**  
664F51

**Tritanomaly**  
724A51

# Monochromacy



**Original Color**  
724A52

**Achromatopsia**  
575757

**Achromatomaly**  
615255

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724A52 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 #724A52 looks like.

```
.text, #text, p{  
    color:#724A52  
}
```

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 #724A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724A52
}
```

## Border

The CSS property to change the border of an element to Hex 724A52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

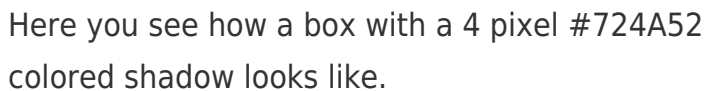
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724A52 }
```

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

```
.border{ border-color:#724A52 }
```

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



Here you see how a box with a 4 pixel #724A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724A52; -webkit-box-shadow:4px 4px  
4px 4px #724A52; box-shadow:4px 4px 4px  
4px #724A52 }
```

# Background

The CSS property to change the background color of an element to Hex 724A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724A52 }
```

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

```
.background{ background-color:#724A52 }
```

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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