

# Converting Colors

Hex(724547)

Have a look what the booklet for  
Hex(724547) contains.

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# Color

Hex(724547)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724547
RGB	114, 69, 71
RGB Percent	45%, 27%, 28%
CMY	0.5529, 0.7294, 0.7216
CMYK	0.00, 0.39, 0.38, 0.55
HSL	357°, 25%, 36%
HSV	357°, 39%, 45%
XYZ	10.2049, 8.2886, 7.0232
YIQ	82.6830, 26.1780, 10.1620

# Conversions

## Conversions Part 2

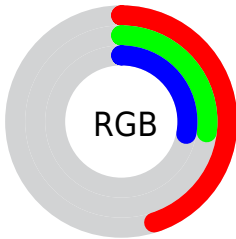
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 69, 71
Decimal	7488839
CIE <sub>Lab</sub>	34.58, 19.64, 6.99
CIE <sub>LCh</sub>	35, 20.848, 19.597
Yxy	8.2886, 0.3999, 0.3248
Android (android.graphics.Color)	4285678919 (0xFF724547)
YUV	82.6830, -5.7597, 27.4650
Hunter-Lab	28.7899, 12.8889, 5.6893

# Details

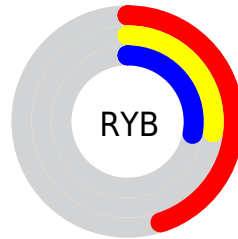
The Hex color **724547** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **457270**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A77677**, and **40181C** is the 20% darker color. If you saturate the color by 10%, you get **723A3C**, and if you desaturate by 10%, it is **725052**.

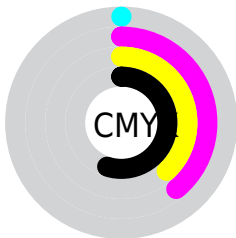
# Distribution



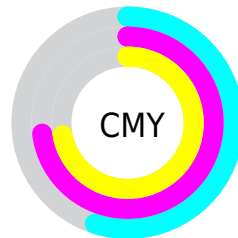
- Red (45%)
- Green (27%)
- Blue (28%)



- Red (45%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (39%)
- Yellow (38%)
- Black (55%)



- Cyan (55%)
- Magenta (73%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724547 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 724547 by changing the saturation by 10% instead.



 724547

 724547

FFFFFF

 582E31


 A77677

 40181C

 C39091

 2A0101

 E0AAAB

 000000

 FDC6C7

 FFE2E3

 724547

 724547

 723A3C

 725052

 722E31

 725C5D

 722326

 726768

 72171B

 727373

 720C11

 727E7D

 720106

 728988

 720005

 729593

 72A09E

 72ACA9

# Harmonies

## Analogous

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



6E4558



724547



6D4939

# Triad

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



724547



3E583B



305572

# Complementary

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



724547



457270

# 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.



18586A



724547



2A5A4B

# Square

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



724547



515432



165A5C



4B4F70

# Rectangle

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



724547



664C32



165A5C



275670



# Sweetspot

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



724547



948283



704572



4A4040



C9C9C9



4A4A4A



# Same Dimension

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



724547



944E51



725945



383233



780005



F7000B



# Inverse Universe

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



724547



944E51



455E72



383233



780005

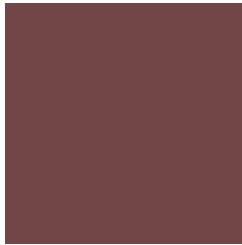


F7000B



# Previews

## White Background



This preview shows how the Hex color 724547 looks on a white background.

## Color Contrast Check

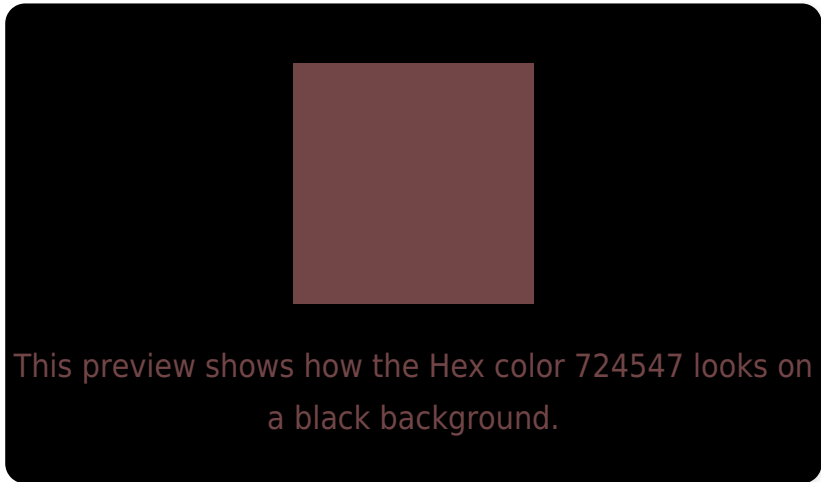
Large Text (above 18pt) WCAG AA ✓ Pass

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

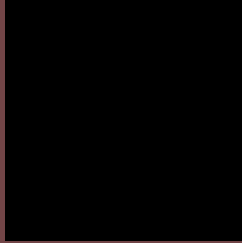
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 724547 Background



This preview shows how black text looks on a background with the Hex color 724547.



This preview shows how white text looks on a background with the Hex color 724547.

# 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**  
724547

**Protanopia**  
54514D

**Deuteranopia**  
5E4F45



**Tritanopia**  
72454A

# Trichromacy



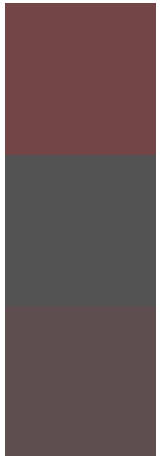
**Original Color**  
724547

**Protanomaly**  
5F4D4B

**Deuteranomaly**  
654B46

**Tritanomaly**  
724549

# Monochromacy



**Original Color**  
724547

**Achromatopsia**  
535353

**Achromatomaly**  
5E4E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724547 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 #724547 looks like.

```
.text, #text, p{  
    color:#724547  
}
```

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 #724547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724547
}
```

## Border

The CSS property to change the border of an element to Hex 724547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

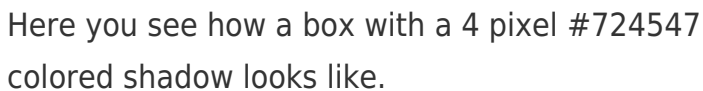
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724547 }
```

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

```
.border{ border-color:#724547 }
```

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



Here you see how a box with a 4 pixel #724547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724547; -webkit-box-shadow:4px 4px  
4px 4px #724547; box-shadow:4px 4px 4px  
4px #724547 }
```

# Background

The CSS property to change the background color of an element to Hex 724547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724547 }
```

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

```
.background{ background-color:#724547 }
```

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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