

# Converting Colors

Hex(724646)

Have a look what the booklet for  
Hex(724646) contains.

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**Color**

**Hex(724646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724646
RGB	114, 70, 70
RGB Percent	45%, 27%, 27%
CMY	0.5529, 0.7255, 0.7255
CMYK	0.00, 0.39, 0.39, 0.55
HSL	0°, 24%, 36%
HSV	0°, 39%, 45%
XYZ	10.2351, 8.3999, 6.8763
YIQ	83.1560, 26.2240, 9.3280

# Conversions

## Conversions Part 2

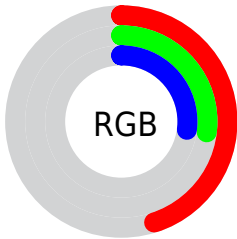
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 70, 70
Decimal	7489094
CIE <sub>Lab</sub>	34.80, 18.90, 7.94
CIE <sub>LCh</sub>	35, 20.504, 22.797
Yxy	8.3999, 0.4012, 0.3293
Android (android.graphics.Color)	4285679174 (0xFF724646)
YUV	83.1560, -6.4859, 27.0502
Hunter-Lab	28.9826, 12.3169, 6.2210

# Details

The Hex color **724646** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467272**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A77776**, and **40191B** is the 20% darker color. If you saturate the color by 10%, you get **723B3B**, and if you desaturate by 10%, it is **725151**.

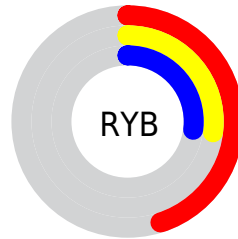
# Distribution



Red (45%)

Green (27%)

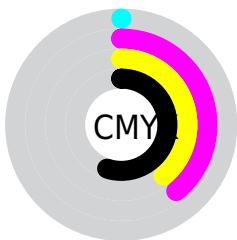
Blue (27%)



Red (45%)

Yellow (27%)

Blue (27%)

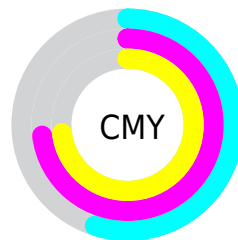


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (55%)



Cyan (55%)

Magenta (73%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724646 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 724646 by changing the saturation by 10% instead.



 724646

 724646

FFFFFF

 582F30

 A77776

 40191B

 C39190

 2A0200

 E0ABAA

 000000

 FDC7C6

 FFE3E2

FFFFFFE

 724646

 724646

 723B3B

 725151

 722F2F

 725D5D

 722424

 726868

 721818

 727474

 720D0D

 727F7F

 720202

 728A8A

 720000

 729696

 72A1A1

 72ADAD

# Harmonies

## Analogous

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



6F4656



724646



6D4A38

# Triad

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



724646



3D583E



355572

# Complementary

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



724646



467272

# 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.



1C596B



724646



295A4D

# Square

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



724646



505533



185B5E



4E4F70

# Rectangle

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



724646



654E33



185B5E



2C5671



# Sweetspot

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



724646



948282



724672



4A4040



C9C9C9



4A4A4A



# Same Dimension

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



724646



945050



725C46



383232



780000



F70000



# Inverse Universe

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



467272



509494



465C72



323838



007878



00F7F7



# Previews

## White Background



This preview shows how the Hex color 724646 looks on a white background.

## Color Contrast Check

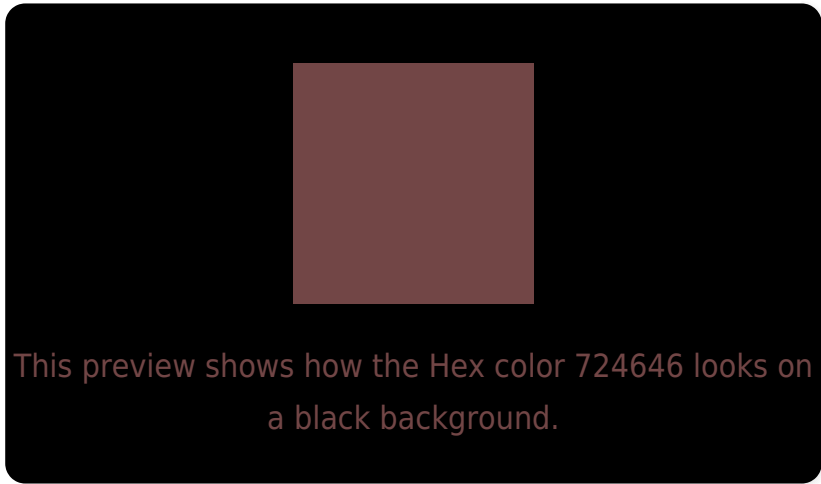
Large Text (above 18pt) WCAG AA ✓ Pass

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 724646 Background



This preview shows how black text looks on a background with the Hex color 724646.



This preview shows how white text looks on a background with the Hex color 724646.

# 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**  
724646

**Protanopia**  
55524C

**Deuteranopia**  
5F4F44



**Tritanopia**  
72454A

# Trichromacy



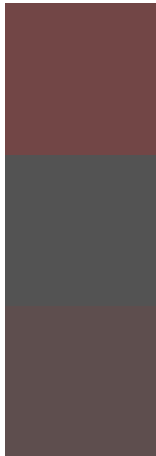
**Original Color**  
724646

**Protanomaly**  
604E4A

**Deuteranomaly**  
664C45

**Tritanomaly**  
724549

# Monochromacy



**Original Color**  
724646

**Achromatopsia**  
535353

**Achromatomaly**  
5E4E4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724646 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 #724646 looks like.

```
.text, #text, p{  
    color:#724646  
}
```

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 #724646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724646
}
```

## Border

The CSS property to change the border of an element to Hex 724646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

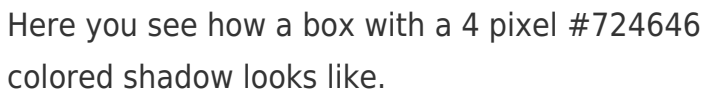
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724646 }
```

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

```
.border{ border-color:#724646 }
```

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



Here you see how a box with a 4 pixel #724646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724646; -webkit-box-shadow:4px 4px  
4px 4px #724646; box-shadow:4px 4px 4px  
4px #724646 }
```

# Background

The CSS property to change the background color of an element to Hex 724646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724646 }
```

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

```
.background{ background-color:#724646 }
```

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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