

# Converting Colors

Hex(724610)

Have a look what the booklet for  
Hex(724610) contains.

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**Color**

**Hex(724610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724610
RGB	114, 70, 16
RGB Percent	45%, 27%, 6%
CMY	0.5529, 0.7255, 0.9373
CMYK	0.00, 0.39, 0.86, 0.55
HSL	33°, 75%, 25%
HSV	33°, 86%, 45%
XYZ	9.2231, 7.9951, 1.5473
YIQ	77.0000, 43.5580, -7.4660

# Conversions

## Conversions Part 2

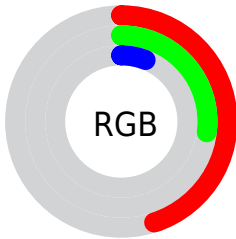
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 114, 16
Decimal	7489040
CIELab	33.97, 14.36, 37.72
CIELCh	34, 40.359, 69.150
Yxy	7.9951, 0.4915, 0.4261
Android (android.graphics.Color)	4285679120 (0xFF724610)
YUV	77.0000, -30.0730, 32.4490
Hunter-Lab	28.2757, 8.7417, 16.5485

# Details

The Hex color **724610** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **103C72**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **AA7640**, and **3D1A00** is the 20% darker color. If you saturate the color by 10%, you get **724105**, and if you desaturate by 10%, it is **724B1B**.

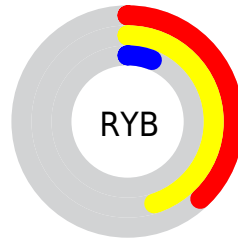
# Distribution



Red (45%)

Green (27%)

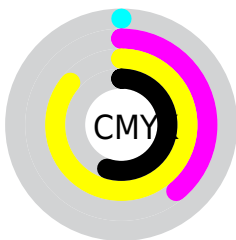
Blue (6%)



Red (38%)

Yellow (45%)

Blue (6%)

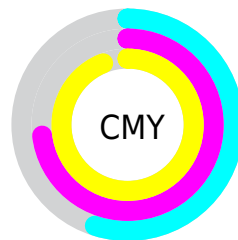


Cyan (0%)

Magenta (39%)

Yellow (86%)

Black (55%)



Cyan (55%)

Magenta (73%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724610 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 724610 by changing the saturation by 10% instead.



 724610

 724610

 FFFFFA

 572F00

 AA7640

 3D1A00

 C79058

 250300

 E4AB71

 000000

 FFC68B

 FFE2A6

 FFFFC1

 FFFFDD

 724610

 724610

■ 724105

■ 724B1B

■ 723F00

■ 725027

■ 725532

■ 725A3E

■ 726049

■ 726554

■ 726A60

■ 726F6B

■ 727477

# Harmonies

## Analogous

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



843929



724610



575106

# Triad

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



724610



005F59



5E4382

# Complementary

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



724610



103C72

# 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.



1A508F



724610



005E78

# Square

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



724610



005E38



00598C



7E3567

# Rectangle

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



724610



415712



00598C



4E4888



# Sweetspot

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



724610



94836D



72103C



4A4033



C9C9C9



4A4A4A



# Same Dimension

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



724610



945100



6D7210



383632



784200



F78800



# Inverse Universe

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



103C72



004294



151072



323538



003678



006FF7



# Previews

## White Background



This preview shows how the Hex color 724610 looks on a white background.

## Color Contrast Check

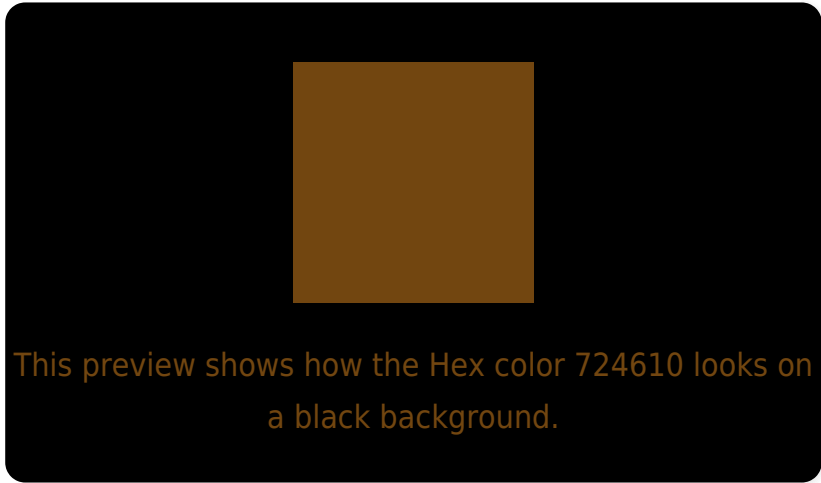
Large Text (above 18pt) WCAG AA ✓ Pass

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 724610 Background



This preview shows how black text looks on a background with the Hex color 724610.



This preview shows how white text looks on a background with the Hex color 724610.

# 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**  
724610

**Protanopia**  
5A5113

**Deuteranopia**  
664C0C



**Tritanopia**  
754146

# Trichromacy



**Original Color**  
724610

**Protanomaly**  
634D12

**Deuteranomaly**  
6A4A0D

**Tritanomaly**  
744332

# Monochromacy



**Original Color**  
724610

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
5A4A37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724610 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 #724610 looks like.

```
.text, #text, p{  
    color:#724610  
}
```

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 #724610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724610
}
```

## Border

The CSS property to change the border of an element to Hex 724610 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
#724610 }
```

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

```
.border{ border-color:#724610 }
```

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

Here you see how a box with a 4 pixel #724610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724610; -webkit-box-shadow:4px 4px  
4px 4px #724610; box-shadow:4px 4px 4px  
4px #724610 }
```

# Background

The CSS property to change the background color of an element to Hex 724610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724610 }
```

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

```
.background{ background-color:#724610 }
```

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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