

# Converting Colors

Hex(725617)

Have a look what the booklet for  
Hex(725617) contains.

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**Color**

**Hex(725617)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	725617
RGB	114, 86, 23
RGB Percent	45%, 34%, 9%
CMY	0.5529, 0.6627, 0.9098
CMYK	0.00, 0.25, 0.80, 0.55
HSL	42°, 66%, 27%
HSV	42°, 80%, 45%
XYZ	10.4219, 10.2948, 2.2484
YIQ	87.1900, 36.9110, -13.6570

# Conversions

## Conversions Part 2

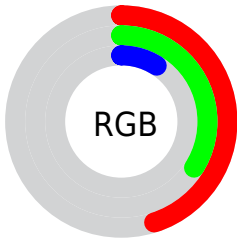
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 114, 23
Decimal	7493143
CIE <sub>Lab</sub>	38.37, 4.98, 38.87
CIE <sub>LCh</sub>	38, 39.183, 82.701
Yxy	10.2948, 0.4538, 0.4483
Android (android.graphics.Color)	4285683223 (0xFF725617)
YUV	87.1900, -31.6457, 23.5124
Hunter-Lab	32.0856, 1.8297, 18.3051

# Details

The Hex color **725617** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **173372**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A98747**, and **3E2900** is the 20% darker color. If you saturate the color by 10%, you get **72520C**, and if you desaturate by 10%, it is **725A22**.

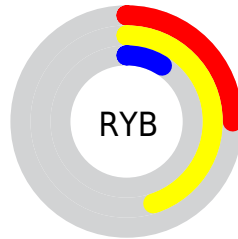
# Distribution



Red (45%)

Green (34%)

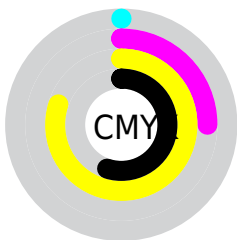
Blue (9%)



Red (25%)

Yellow (45%)

Blue (9%)

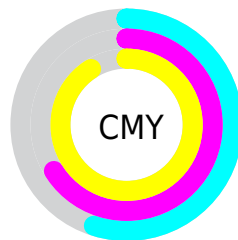


Cyan (0%)

Magenta (25%)

Yellow (80%)

Black (55%)



Cyan (55%)

Magenta (66%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 725617 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 725617 by changing the saturation by 10% instead.



 725617

 725617

FFFFFF

 583F00

 A98747

 3E2900

 C5A260

 251500

 E2BD7A

 000000

 FFD894

 FFF5AF

 FFFF00

 FFFFE7

 725617

 725617

■ 72520C

■ 725A22

■ 724F00

■ 725D2E

■ 726139

■ 726445

■ 726850

■ 726B5B

■ 726F67

■ 727272

■ 72767E

# Harmonies

## Analogous

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



894A28



725617



54601B

# Triad

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



725617



006A72



7A4881

# Complementary

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



725617



173372

# 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.



4E5595



725617



00678C

# Square

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



725617



006951



006099



903E63

# Rectangle

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



725617



3B6429



006099



6E4C89



# Sweetspot

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



725617



948970



721734



4A4335



C9C9C9



4A4A4A



# Same Dimension

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



725617



946806



617217



383632



785300



F7AB00



# Inverse Universe

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



173372



063294



281772



323438



002578

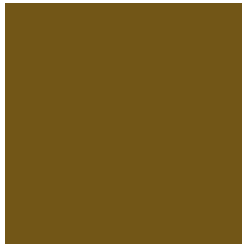


004CF7



# Previews

## White Background



This preview shows how the Hex color 725617 looks on a white background.

## Color Contrast Check

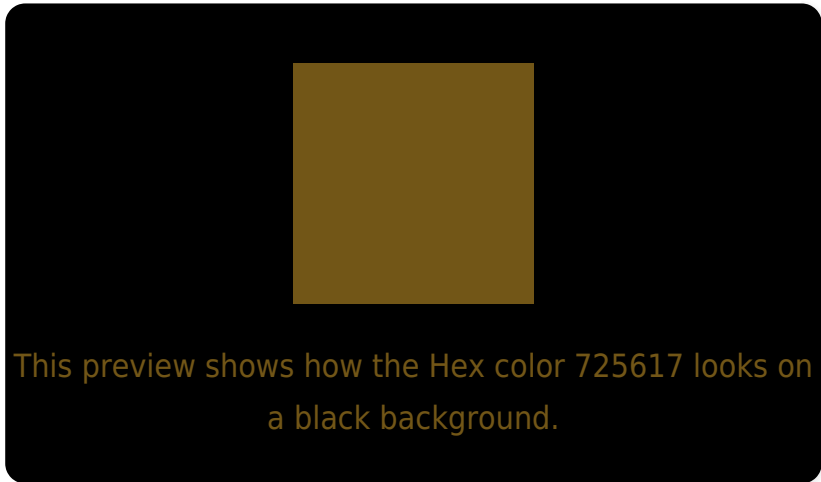
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

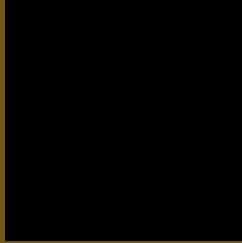
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 725617 Background



This preview shows how black text looks on a background with the Hex color 725617.



This preview shows how white text looks on a background with the Hex color 725617.

# 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**  
725617

**Protanopia**  
665B18

**Deuteranopia**  
725617



**Tritanopia**  
765056

# Trichromacy



**Original Color**  
725617

**Protanomaly**  
6A5918

**Deuteranomaly**  
725617

**Tritanomaly**  
75523F

# Monochromacy



**Original Color**  
725617

**Achromatopsia**  
575757

**Achromatomaly**  
615740

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 725617 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 #725617 looks like.

```
.text, #text, p{  
    color:#725617  
}
```

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 #725617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725617
}
```

## Border

The CSS property to change the border of an element to Hex 725617 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
#725617 }
```

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

```
.border{ border-color:#725617 }
```

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

Here you see how a box with a 4 pixel #725617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725617; -webkit-box-shadow:4px 4px  
4px 4px #725617; box-shadow:4px 4px 4px  
4px #725617 }
```

# Background

The CSS property to change the background color of an element to Hex 725617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725617 }
```

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

```
.background{ background-color:#725617 }
```

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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