

# Converting Colors

Hex(723145)

Have a look what the booklet for  
Hex(723145) contains.

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**Color**

**Hex(723145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	723145
RGB	114, 49, 69
RGB Percent	45%, 19%, 27%
CMY	0.5529, 0.8078, 0.7294
CMYK	0.00, 0.57, 0.39, 0.55
HSL	342°, 40%, 32%
HSV	342°, 57%, 45%
XYZ	9.1119, 6.2037, 6.3474
YIQ	70.7150, 32.3200, 20.0000

# Conversions

## Conversions Part 2

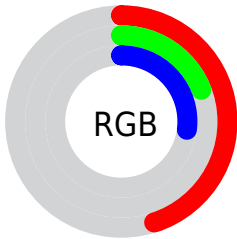
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 49, 69
Decimal	7483717
CIE <sub>Lab</sub>	29.92, 30.90, 1.62
CIE <sub>LCh</sub>	30, 30.946, 3.010
Yxy	6.2037, 0.4206, 0.2864
Android (android.graphics.Color)	4285673797 (0xFF723145)
YUV	70.7150, -0.8455, 37.9609
Hunter-Lab	24.9072, 21.7138, 2.3255

# Details

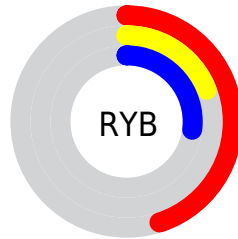
The Hex color **723145** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **31725E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A86275**, and **3E001A** is the 20% darker color. If you saturate the color by 10%, you get **72263D**, and if you desaturate by 10%, it is **723C4D**.

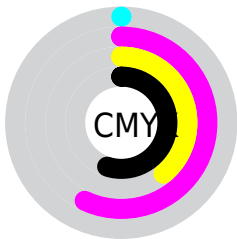
# Distribution



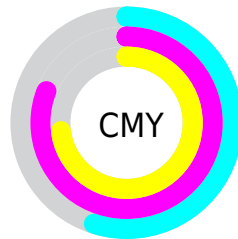
- Red (45%)
- Green (19%)
- Blue (27%)



- Red (45%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (39%)
- Black (55%)



- Cyan (55%)
- Magenta (81%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 723145 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 723145 by changing the saturation by 10% instead.



 723145

 723145

FFFFFF

 58192F

 A86275

 3E001A

 C47B8F

 2B0001

 E196A9

 000000

 FEB1C4

 FFCDE0

 FFE9FD

 723145

 723145

 72263D

 723C4D

 721A35

 724855

 720F2D

 72535D

 720325

 725F65

 720023

 726A6C

 727574

 72817C

 728C84

 72988C

# Harmonies

## Analogous

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



66365D



723145



71352E

# Triad

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



723145



394D1C



004F71

# Complementary

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



723145



31725E

# 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.



005260



723145



155130

# Square

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



723145



524613



005248



194876

# Rectangle

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



723145



6A3A21



005248



00506C



# Sweetspot

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



723145



947B82



5D3172



4A3B40



C9C9C9



4A4A4A



# Same Dimension

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



723145



942F4E



723D31



383234



780025



F7004C



# Inverse Universe

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



723145



942F4E



316672



383234



780025

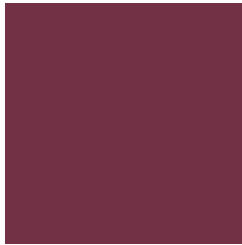


F7004C



# Previews

## White Background



This preview shows how the Hex color 723145 looks on a white background.

## Color Contrast Check

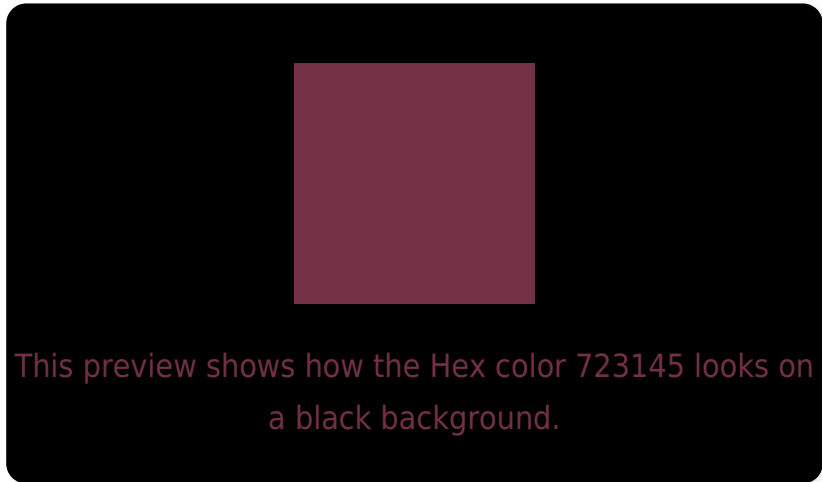
Large Text (above 18pt) WCAG AA ✓ Pass

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

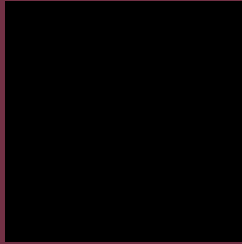
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 723145 Background



This preview shows how black text looks on a background with the Hex color 723145.



This preview shows how white text looks on a background with the Hex color 723145.

# 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**  
723145

**Protanopia**  
454752

**Deuteranopia**  
504542



**Tritanopia**  
713437

# Trichromacy



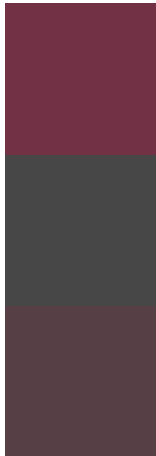
**Original Color**  
723145

**Protanomaly**  
553F4D

**Deuteranomaly**  
5C3E43

**Tritanomaly**  
71333C

# Monochromacy



**Original Color**  
723145

**Achromatopsia**  
474747

**Achromatomaly**  
573F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 723145 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 #723145 looks like.

```
.text, #text, p{  
    color:#723145  
}
```

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 #723145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #723145 }  
}
```

## Border

The CSS property to change the border of an element to Hex 723145 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 #723145 }  
}
```

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

```
.border{ border-color:#723145 }
```

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

Here you see how a box with a 4 pixel #723145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #723145; -webkit-box-shadow:4px 4px  
4px 4px #723145; box-shadow:4px 4px 4px  
4px #723145 }
```

# Background

The CSS property to change the background color of an element to Hex 723145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#723145 }
```

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

```
.background{ background-color:#723145 }
```

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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