

# Converting Colors

Hex(734458)

Have a look what the booklet for  
Hex(734458) contains.

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# Color

**Hex(734458)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734458
RGB	115, 68, 88
RGB Percent	45%, 27%, 35%
CMY	0.5490, 0.7333, 0.6549
CMYK	0.00, 0.41, 0.23, 0.55
HSL	334°, 26%, 36%
HSV	334°, 41%, 45%
XYZ	10.8988, 8.4837, 10.2956
YIQ	84.3330, 21.5920, 16.1840

# Conversions

## Conversions Part 2

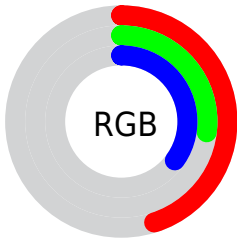
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 68, 88
Decimal	7554136
CIE <sub>Lab</sub>	34.97, 23.21, -3.24
CIE <sub>LCh</sub>	35, 23.437, 352.064
Yxy	8.4837, 0.3672, 0.2859
Android (android.graphics.Color)	4285744216 (0xFF734458)
YUV	84.3330, 1.8078, 26.8950
Hunter-Lab	29.1267, 15.8204, -0.5689




# Details

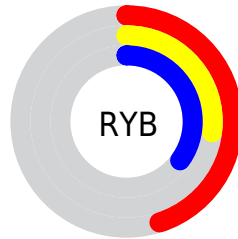
The Hex color **734458** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44735F**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **A8758A**, and **41172B** is the 20% darker color. If you saturate the color by 10%, you get **733951**, and if you desaturate by 10%, it is **73505F**.

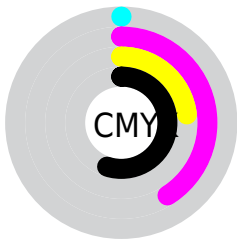
# Distribution







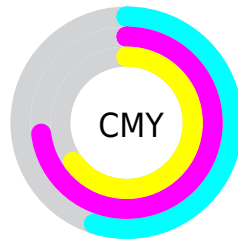
-  Red (45%)
-  Green (27%)
-  Blue (35%)






-  Red (45%)
-  Yellow (27%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (41%)
-  Yellow (23%)
-  Black (55%)



-  Cyan (55%)
-  Magenta (73%)
-  Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734458 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 734458 by changing the saturation by 10% instead.



734458

734458

FFFFFF

5A2D41

A8758A

41172B

C48FA4

2A0016

E0AABF

040000

FDC5DB

000000

FFE1F8

FFFEFF

734458

734458

733951

73505F

732D4B

735B65

732144

73676C

73163E

737272

730A37

737E79

730031

738980

739486

73A08D

73AC93

# Harmonies

## Analogous

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



654869



734458



764445

# Triad

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



734458



50552F



045A6F

# Complementary

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



734458



44735F

# 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.



005C60



734458



3B5A3B

# Square

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



734458



634F2D



215C4C



2D5677

# Rectangle

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



734458



73473A



215C4C



005B6B



# Sweetspot

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



734458



96848C



5F4473



4D4246



CCCCCC



4D4D4D



# Same Dimension

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



734458



964D6C



734744



3B3537



7A0034



FA006A



# Inverse Universe

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



734458



964D6C



447073



3B3537



7A0034

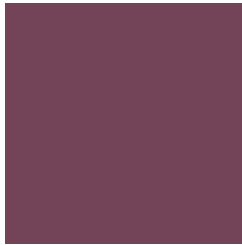


FA006A



# Previews

## White Background



This preview shows how the Hex color 734458 looks on a white background.

## Color Contrast Check

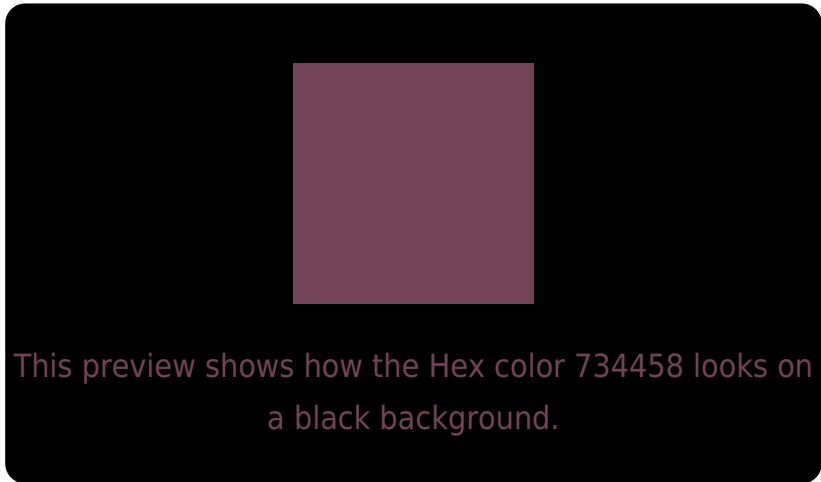
Large Text (above 18pt) WCAG AA ✓ Pass

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

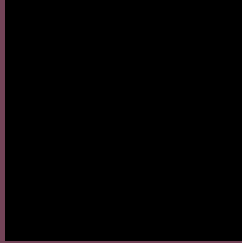
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 734458 Background



This preview shows how black text looks on a background with the Hex color 734458.



This preview shows how white text looks on a background with the Hex color 734458.

# 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**  
734458

**Protanopia**  
505261

**Deuteranopia**  
595056



**Tritanopia**  
72464C

# Trichromacy



**Original Color**

734458

**Protanomaly**

5D4D5E

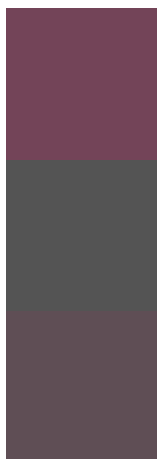
**Deuteranomaly**

624C57

**Tritanomaly**

724550

# Monochromacy



**Original Color**

734458

**Achromatopsia**

545454

**Achromatomaly**

5F4E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734458 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 #734458 looks like.

```
.text, #text, p{  
    color:#734458  
}
```

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 #734458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734458  
}
```

## Border

The CSS property to change the border of an element to Hex 734458 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  
#734458 }
```

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

```
.border{ border-color:#734458 }
```

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

Here you see how a box with a 4 pixel #734458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734458; -webkit-box-shadow:4px 4px  
4px 4px #734458; box-shadow:4px 4px 4px  
4px #734458 }
```

# Background

The CSS property to change the background color of an element to Hex 734458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734458 }
```

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

```
.background{ background-color:#734458 }
```

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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