

# Converting Colors

Hex(704A57)

Have a look what the booklet for  
Hex(704A57) contains.

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**Color**

**Hex(704A57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	704A57
RGB	112, 74, 87
RGB Percent	44%, 29%, 34%
CMY	0.5608, 0.7098, 0.6588
CMYK	0.00, 0.34, 0.22, 0.56
HSL	339°, 20%, 36%
HSV	339°, 34%, 44%
XYZ	10.8512, 9.0304, 10.1880
YIQ	86.8440, 18.4750, 12.0990

# Conversions

## Conversions Part 2

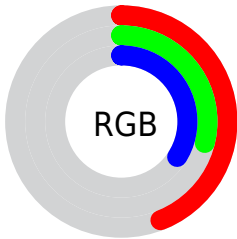
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 74, 87
Decimal	7359063
CIE Lab	36.04, 18.24, -1.07
CIE LCh	36, 18.267, 356.648
Yxy	9.0304, 0.3609, 0.3003
Android (android.graphics.Color)	4285549143 (0xFF704A57)
YUV	86.8440, 0.0769, 22.0618
Hunter-Lab	30.0507, 11.8670, 0.9346

# Details

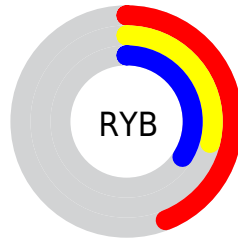
The Hex color **704A57** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4A7063**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A57B89**, and **3F1D2A** is the 20% darker color. If you saturate the color by 10%, you get **703F50**, and if you desaturate by 10%, it is **70555E**.

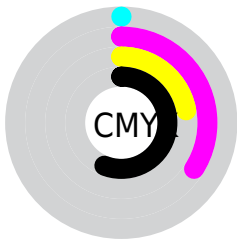
# Distribution



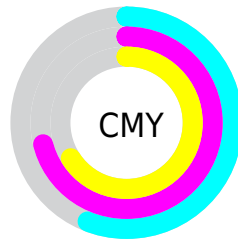
- Red (44%)
- Green (29%)
- Blue (34%)



- Red (44%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (56%)



- Cyan (56%)
- Magenta (71%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 704A57 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 704A57 by changing the saturation by 10% instead.



 704A57

 704A57

FFFFFF

 573340

 A57B89

 3F1D2A

 C095A3

 280715

 DCB0BE

 030000

 F9CBDA

 000000

 FFE8F6

 704A57

 704A57

 703F50

 70555E

 703448

 706066

 702841

 706C6D

 701D3A

 707774

 701232

 70827C

 70072B

 708D83

 700026

 70988B

 70A492

 70AF99

# Harmonies

## Analogous

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



664D65



704A57



724B48

# Triad

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



704A57



51583A



2C5B6D

# Complementary

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



704A57



4A7063

# 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.



265D61



704A57



405B44

# Square

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



704A57



615338



305D53



3F5772

# Rectangle

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



704A57



6F4D40



305D53



285B6A



# Sweetspot

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



704A57



918388



634A70



4A4144



C9C9C9



4A4A4A



# Same Dimension

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



704A57



91566A



70504A



383234



780029



F70055



# Inverse Universe

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



704A57



91566A



4A6A70



383234



780029

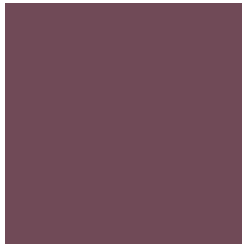


F70055



# Previews

## White Background



This preview shows how the Hex color 704A57 looks on a white background.

## Color Contrast Check

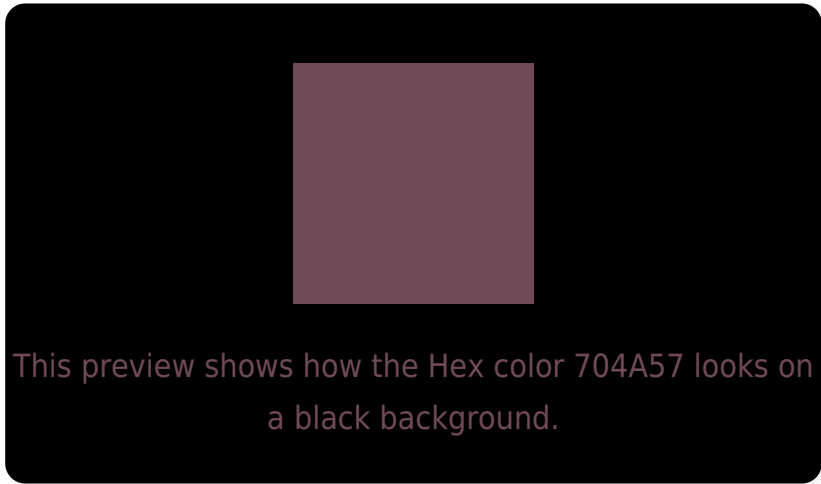
Large Text (above 18pt) WCAG AA ✓ Pass

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

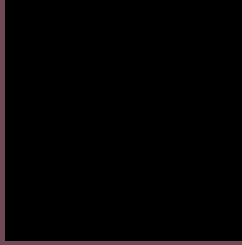
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 704A57 Background



This preview shows how black text looks on a background with the Hex color 704A57.



This preview shows how white text looks on a background with the Hex color 704A57.

# 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**  
704A57

**Protanopia**  
54555D

**Deuteranopia**  
5D5255



**Tritanopia**  
6F4B51

# Trichromacy



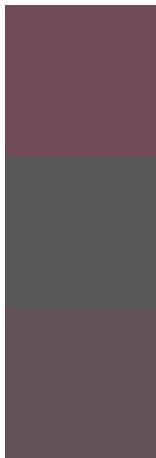
**Original Color**  
704A57

**Protanomaly**  
5E515B

**Deuteranomaly**  
644F56

**Tritanomaly**  
6F4B53

# Monochromacy



**Original Color**  
704A57

**Achromatopsia**  
575757

**Achromatomaly**  
605257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 704A57 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 #704A57 looks like.

```
.text, #text, p{  
    color:#704A57  
}
```

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 #704A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #704A57
}
```

## Border

The CSS property to change the border of an element to Hex 704A57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

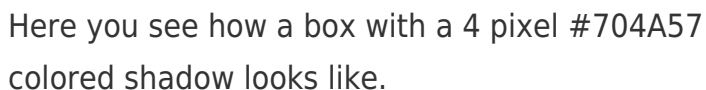
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#704A57 }
```

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

```
.border{ border-color:#704A57 }
```

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



Here you see how a box with a 4 pixel #704A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #704A57; -webkit-box-shadow:4px 4px  
4px 4px #704A57; box-shadow:4px 4px 4px  
4px #704A57 }
```

# Background

The CSS property to change the background color of an element to Hex 704A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#704A57 }
```

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

```
.background{ background-color:#704A57 }
```

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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