

# Converting Colors

Hex(704B57)

Have a look what the booklet for  
Hex(704B57) contains.

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**Color**

**Hex(704B57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	704B57
RGB	112, 75, 87
RGB Percent	44%, 29%, 34%
CMY	0.5608, 0.7059, 0.6588
CMYK	0.00, 0.33, 0.22, 0.56
HSL	341°, 20%, 37%
HSV	341°, 33%, 44%
XYZ	10.9185, 9.1650, 10.2104
YIQ	87.4310, 18.2000, 11.5760

# Conversions

## Conversions Part 2

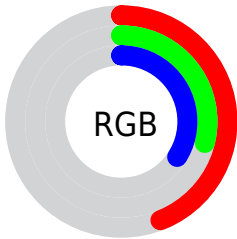
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 75, 87
Decimal	7359319
CIE Lab	36.30, 17.63, -0.69
CIE LCh	36, 17.641, 357.755
Yxy	9.1650, 0.3604, 0.3025
Android (android.graphics.Color)	4285549399 (0xFF704B57)
YUV	87.4310, -0.2125, 21.5470
Hunter-Lab	30.2738, 11.3983, 1.1950

# Details

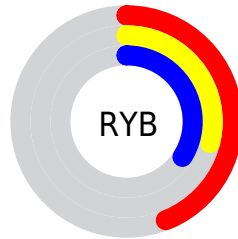
The Hex color **704B57** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4B7064**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A57C89**, and **3F1E2A** is the 20% darker color. If you saturate the color by 10%, you get **70404F**, and if you desaturate by 10%, it is **70565F**.

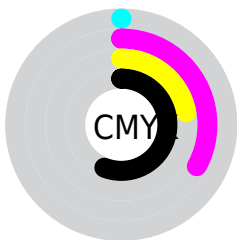
# Distribution



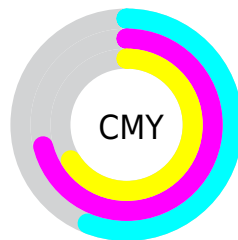
- Red (44%)
- Green (29%)
- Blue (34%)



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



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (56%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 704B57 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 704B57 by changing the saturation by 10% instead.



 704B57

 704B57

FFFFFF

 573440

 A57C89

 3F1E2A

 C096A3

 280815

 DCB1BE

 040000

 F9CDDA

 000000

 FFE9F6

 704B57

 704B57

 70404F

 70565F

 703548

 706166

702940

706D6E

701E39

707875

701331

70837D

70082A

708E84

700024

70998C

70A594

70B09B

# Harmonies

## Analogous

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



664E65



704B57



724C49

# Triad

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



704B57



52593C



2F5B6D

# Complementary

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



704B57



4B7064

# 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.



295D62



704B57



415C46

# Square

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



704B57



605439



325D54



425771

# Rectangle

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



704B57



6E4E41



325D54



2B5C6A



# Sweetspot

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



704B57



918388



644B70



4A4144



C9C9C9



4A4A4A



# Same Dimension

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



704B57



91576A



70514B



383234



780027



F70050



# Inverse Universe

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



704B57



91576A



4B6A70



383234



780027

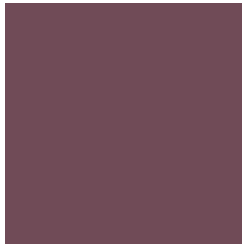


F70050



# Previews

## White Background



This preview shows how the Hex color 704B57 looks on a white background.

## Color Contrast Check

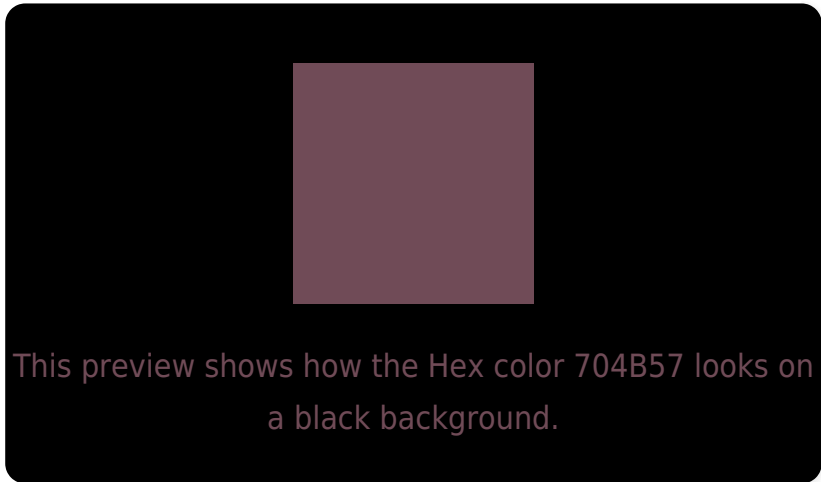
Large Text (above 18pt) WCAG AA ✓ Pass

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

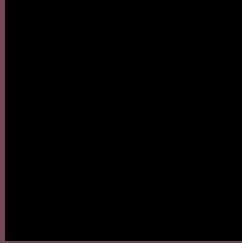
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 704B57 Background



This preview shows how black text looks on a background with the Hex color 704B57.



This preview shows how white text looks on a background with the Hex color 704B57.

# 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**  
704B57

**Protanopia**  
55555D

**Deuteranopia**  
5E5356



**Tritanopia**  
6F4C52

# Trichromacy



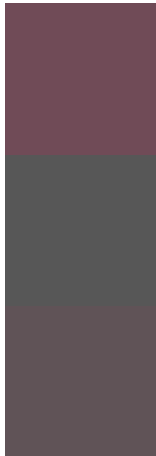
**Original Color**  
704B57

**Protanomaly**  
5F515B

**Deuteranomaly**  
655056

**Tritanomaly**  
6F4C54

# Monochromacy



**Original Color**  
704B57

**Achromatopsia**  
575757

**Achromatomaly**  
605357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 704B57 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 #704B57 looks like.

```
.text, #text, p{  
    color:#704B57  
}
```

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 #704B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #704B57
}
```

## Border

The CSS property to change the border of an element to Hex 704B57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

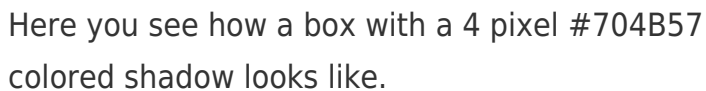
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#704B57 }
```

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

```
.border{ border-color:#704B57 }
```

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



Here you see how a box with a 4 pixel #704B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #704B57; -webkit-box-shadow:4px 4px  
4px 4px #704B57; box-shadow:4px 4px 4px  
4px #704B57 }
```

# Background

The CSS property to change the background color of an element to Hex 704B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#704B57 }
```

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

```
.background{ background-color:#704B57 }
```

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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