

# Converting Colors

Hex(70705B)

Have a look what the booklet for  
Hex(70705B) contains.

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**Color**

**Hex(70705B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70705B
RGB	112, 112, 91
RGB Percent	44%, 44%, 36%
CMY	0.5608, 0.5608, 0.6431
CMYK	0.00, 0.00, 0.19, 0.56
HSL	60°, 10%, 40%
HSV	60°, 19%, 44%
XYZ	14.3646, 15.7884, 12.1879
YIQ	109.6060, 6.7410, -6.5310

# Conversions

## Conversions Part 2

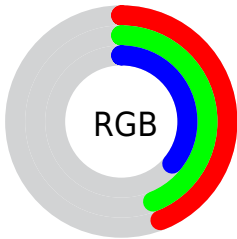
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 112, 91
Decimal	7368795
CIE <sub>Lab</sub>	46.70, -3.91, 11.71
CIE <sub>LCh</sub>	47, 12.344, 108.462
Yxy	15.7884, 0.3393, 0.3729
Android (android.graphics.Color)	4285558875 (0xFF70705B)
YUV	109.6060, -9.1728, 2.0995
Hunter-Lab	39.7346, -5.0055, 9.6281

# Details

The Hex color **70705B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B5B70**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A4A48D**, and **40402D** is the 20% darker color. If you saturate the color by 10%, you get **707050**, and if you desaturate by 10%, it is **707066**.

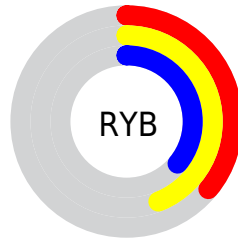
# Distribution



Red (44%)

Green (44%)

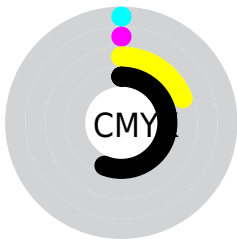
Blue (36%)



Red (36%)

Yellow (44%)

Blue (36%)

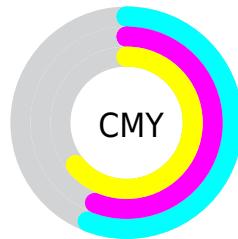


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70705B 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 70705B by changing the saturation by 10% instead.



 70705B

 70705B

FFFFFF

 575843

 A4A48D

 40402D

 BFBFA8

 2A2A18

 DBDBC3

 171600

 F7F7DF

 000000

 FFFFFB

 70705B

 70705B

 707050

 707066

 707045

 707071

■ 707039

■ 70707D

■ 70702E

■ 707088

■ 707023

■ 707093

■ 707018

■ 70709E

■ 70700D

■ 7070A9

■ 707001

■ 7070B5

■ 707000

■ 7070C0

# Harmonies

## Analogous

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



7B6D5B



70705B



647361

# Triad

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



70705B



55737E



816873

# Complementary

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



70705B



5B5B70

# 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.



786A7C



70705B



5E7183

# Square

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



70705B



547575



6B6D82



856869

# Rectangle

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



70705B



5D7467



6B6D82



7F6876



# Sweetspot

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



70705B



919189



705B5B



4A4A45



C9C9C9



4A4A4A



# Same Dimension

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



70705B



919170



66705B



383832



787800



F7F700



# Inverse Universe

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



5B5B70



707091



665B70



323238



000078



0000F7



# Previews

## White Background



This preview shows how the Hex color 70705B looks on a white background.

## Color Contrast Check

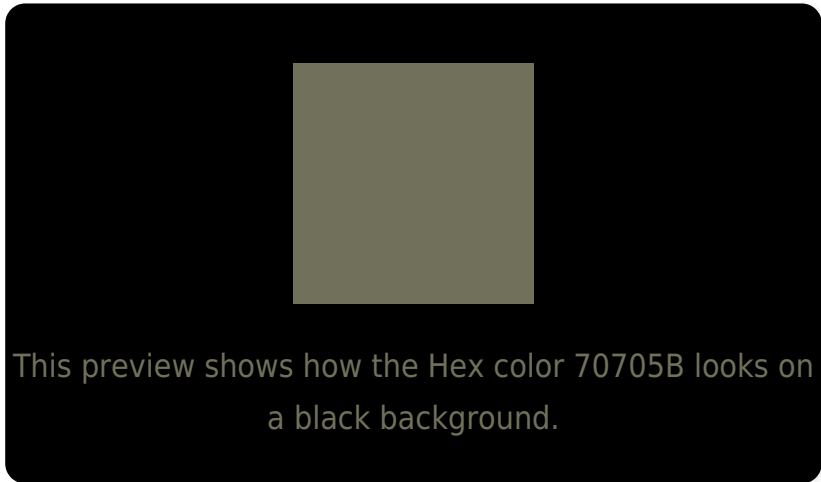
Large Text (above 18pt) WCAG AA ✓ Pass

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

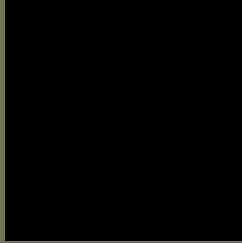
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

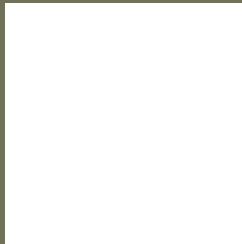
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70705B Background



This preview shows how black text looks on a background with the Hex color 70705B.



This preview shows how white text looks on a background with the Hex color 70705B.

# 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**  
70705B

**Protanopia**  
756E5A

**Deuteranopia**  
806A5C



**Tritanopia**  
736C75

# Trichromacy



**Original Color**  
70705B

**Protanomaly**  
736F5A

**Deuteranomaly**  
7A6C5C

**Tritanomaly**  
726D6C

# Monochromacy



**Original Color**  
70705B

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6F6F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70705B 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 #70705B looks like.

```
.text, #text, p{  
    color:#70705B  
}
```

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 #70705B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70705B
}
```

## Border

The CSS property to change the border of an element to Hex 70705B 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".

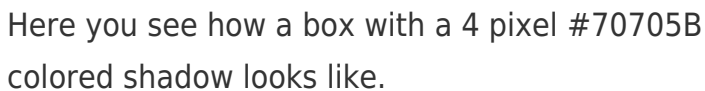
```
.border, #border, table{ border:4px solid
#70705B }
```

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

```
.border{ border-color:#70705B }
```

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

Here you see how a box with a 4 pixel #70705B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70705B; -webkit-box-shadow:4px 4px  
4px 4px #70705B; box-shadow:4px 4px 4px  
4px #70705B }
```

# Background

The CSS property to change the background color of an element to Hex 70705B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70705B }
```

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

```
.background{ background-color:#70705B }
```

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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