

# Converting Colors

Hex(6B715B)

Have a look what the booklet for  
Hex(6B715B) contains.

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# Color

**Hex(6B715B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B715B
RGB	107, 113, 91
RGB Percent	42%, 44%, 36%
CMY	0.5804, 0.5569, 0.6431
CMYK	0.05, 0.00, 0.19, 0.56
HSL	76°, 11%, 40%
HSV	76°, 19%, 44%
XYZ	13.8569, 15.6914, 12.1959
YIQ	108.6980, 3.4860, -8.1140

# Conversions

## Conversions Part 2

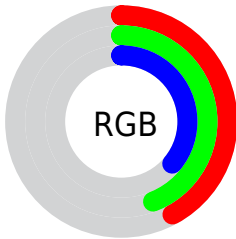
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 113, 97
Decimal	7041371
CIE <sub>Lab</sub>	46.57, -6.53, 11.47
CIE <sub>LCh</sub>	47, 13.195, 119.662
Yxy	15.6914, 0.3319, 0.3759
Android (android.graphics.Color)	4285231451 (0xFF6B715B)
YUV	108.6980, -8.7251, -1.4891
Hunter-Lab	39.6124, -6.8803, 9.4743

# Details

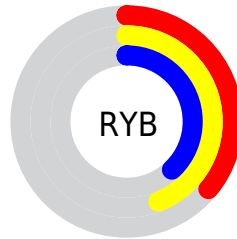
The Hex color **6B715B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **615B71**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9EA58D**, and **3B412D** is the 20% darker color. If you saturate the color by 10%, you get **687150**, and if you desaturate by 10%, it is **6E7166**.

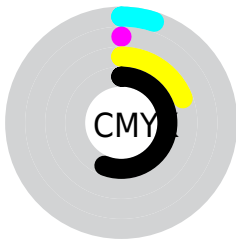
# Distribution



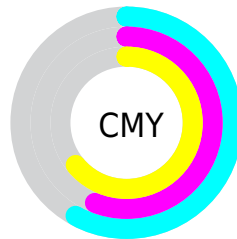
- Red (42%)
- Green (44%)
- Blue (36%)



- Red (36%)
- Yellow (44%)
- Blue (38%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B715B 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 6B715B by changing the saturation by 10% instead.





6B715B



6B715B

FFFFFF



535943



9EA58D



3B412D



B9C0A8



262B18



D5DCC3



121700



F2F8DF



000000



FFFFFFB



6B715B



6B715B



687150



6E7166



657144



717172

■ 627139

■ 74717D

■ 5F712E

■ 777188

■ 5C7123

■ 7A7194

■ 597117

■ 7D719F

■ 55710C

■ 8171AA

■ 527101

■ 8471B5

■ 527100

■ 8771C1

# Harmonies

## Analogous

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



776E58



6B715B



5E7463

# Triad

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



6B715B



567381



84676F

# Complementary

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



6B715B



615B71

# 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.



7D687A



6B715B



626F84

# Square

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



6B715B



517479



706C82



856764

# Rectangle

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



6B715B



57756A



706C82



826773



# Sweetspot

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



6B715B



91948B



71615B



494A45



C9C9C9



4A4A4A



# Same Dimension

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



6B715B



8B9472



60715B



373832



577800



B4F700



# Inverse Universe

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



615B71



7B7294



6C5B71



343238



210078



4300F7



# Previews

## White Background



This preview shows how the Hex color 6B715B looks on a white background.

## Color Contrast Check

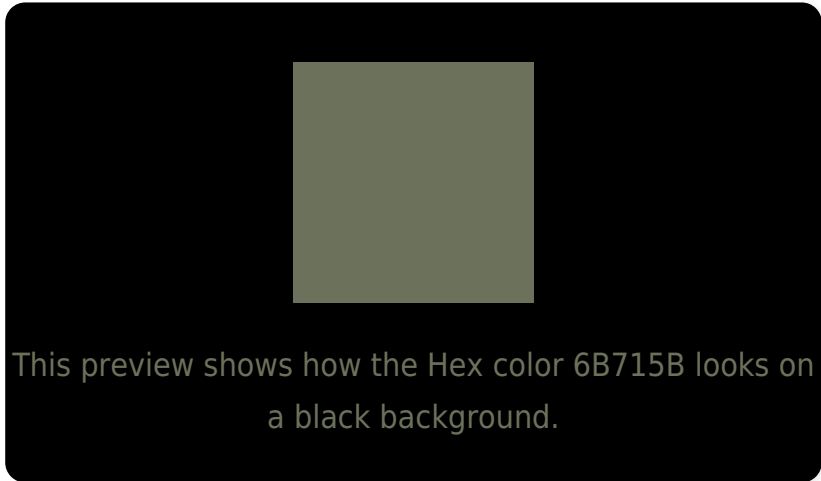
Large Text (above 18pt) WCAG AA ✓ Pass

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

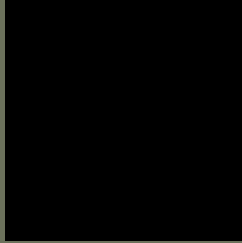
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

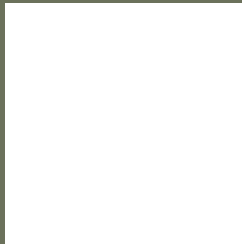
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B715B Background



This preview shows how black text looks on a background with the Hex color 6B715B.



This preview shows how white text looks on a background with the Hex color 6B715B.

# 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**  
6B715B

**Protanopia**  
756E5A

**Deuteranopia**  
7F6A5C



**Tritanopia**  
6F6D76

# Trichromacy



**Original Color**  
6B715B

**Protanomaly**  
716F5A

**Deuteranomaly**  
786D5C

**Tritanomaly**  
6E6E6C

# Monochromacy



**Original Color**  
6B715B

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6C6E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B715B 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 #6B715B looks like.

```
.text, #text, p{  
    color:#6B715B  
}
```

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 #6B715B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B715B
}
```

## Border

The CSS property to change the border of an element to Hex 6B715B 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
#6B715B }
```

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

```
.border{ border-color:#6B715B }
```

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

Here you see how a box with a 4 pixel #6B715B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B715B; -webkit-box-shadow:4px 4px  
4px 4px #6B715B; box-shadow:4px 4px 4px  
4px #6B715B }
```

# Background

The CSS property to change the background color of an element to Hex 6B715B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B715B }
```

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

```
.background{ background-color:#6B715B }
```

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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