

Converting Colors

Hex(67745B)

Have a look what the booklet for
Hex(67745B) contains.

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Color

Hex(67745B)

Conversions

Conversions Part 1

Format	Color
Hex	67745B
RGB	103, 116, 91
RGB Percent	40%, 45%, 36%
CMY	0.5961, 0.5451, 0.6431
CMYK	0.11, 0.00, 0.22, 0.55
HSL	91°, 12%, 41%
HSV	91°, 22%, 45%
XYZ	13.7272, 16.1297, 12.2874
YIQ	109.2630, 0.2770, -10.5310

Conversions

Conversions Part 2

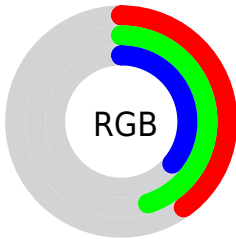
Format	Color
R _Y B	91, 116, 104
Decimal	6779995
CIE Lab	47.14, -9.84, 12.22
CIE LCh	47, 15.690, 128.844
Yxy	16.1297, 0.3257, 0.3827
Android (android.graphics.Color)	4284970075 (0xFF67745B)
YUV	109.2630, -9.0037, -5.4927
Hunter-Lab	40.1618, -9.2720, 9.9737

Details

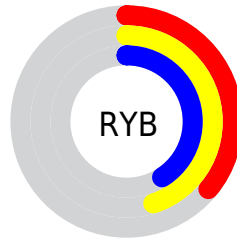
The Hex color **67745B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685B74**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9AA88D**, and **38442D** is the 20% darker color. If you saturate the color by 10%, you get **61744F**, and if you desaturate by 10%, it is **6D7467**.

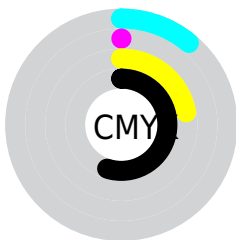
Distribution



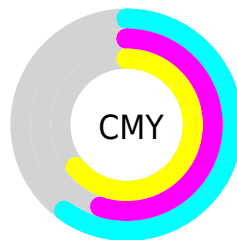
- Red (40%)
- Green (45%)
- Blue (36%)



- Red (36%)
- Yellow (45%)
- Blue (41%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67745B 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 67745B by changing the saturation by 10% instead.



67745B



67745B

FFFFFF



4F5B43



9AA88D



38442D



B5C3A8



222E18



D1DFC3



0E1900



EDFCDF



000000



FFFFFFB



67745B



67745B



61744F



6D7467



5B7444



737472

■ 557438

■ 79747E

■ 4F742D

■ 7F7489

■ 497421

■ 857495

■ 437415

■ 8B74A1

■ 3D740A

■ 9174AC

■ 387400

■ 9774B8

■ 9D74C3

Harmonies

Analogous

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



767056



67745B



587766

Triad

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



67745B



557488



8B666C

Complementary

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



67745B



685B74

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.



84687A



67745B



66708A

Square

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



67745B



4C7680



776B84



8A6860

Rectangle

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



67745B



50776F



776B84



896671

Sweetspot

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



67745B



92968D



74685B



4A4D47



CCCCCC



4D4D4D

Same Dimension

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



67745B



82966F



5B745B



383B35



3B7A00



78FA00

Inverse Universe

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



685B74



846F96



745B74



38353B



40007A



8200FA

Previews

White Background



This preview shows how the Hex color 67745B looks on a white background.

Color Contrast Check

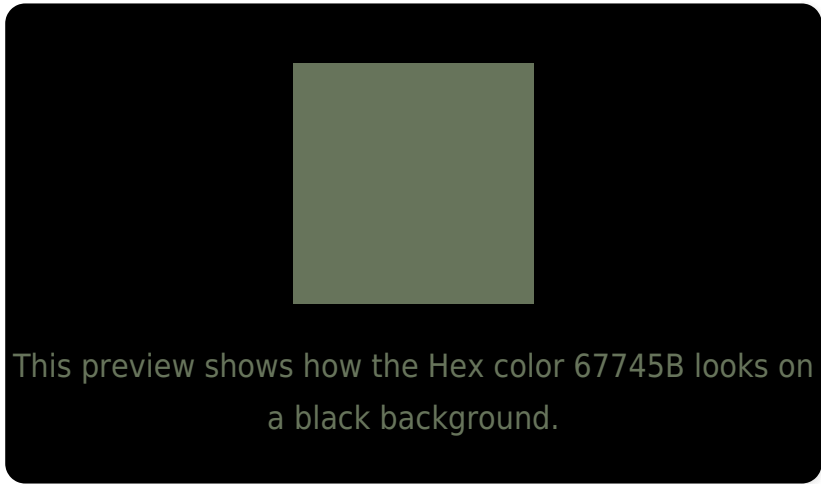
Large Text (above 18pt) WCAG AA ✓ Pass

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

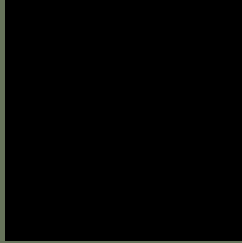
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

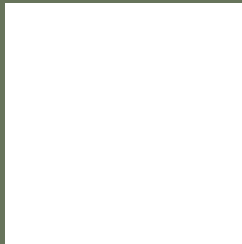
Any Text WCAG AAA × Fail

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

Hex 67745B Background



This preview shows how black text looks on a background with the Hex color 67745B.



This preview shows how white text looks on a background with the Hex color 67745B.

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
67745B

Protanopia
776F59

Deuteranopia
816B5D



Tritanopia
6B7079

Trichromacy



Original Color
67745B

Protanomaly
71715A

Deuteranomaly
786E5C

Tritanomaly
6A716E

Monochromacy



Original Color
67745B

Achromatopsia
6D6D6D

Achromatomaly
6B7066

CSS Examples

Text

The CSS property to change the color of the text to Hex 67745B 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 #67745B looks like.

```
.text, #text, p{  
    color:#67745B  
}
```

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 #67745B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67745B
}
```

Border

The CSS property to change the border of an element to Hex 67745B 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".

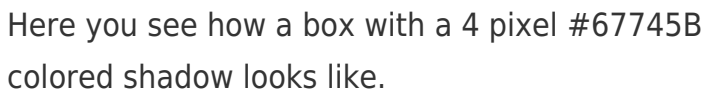
```
.border, #border, table{ border:4px solid
#67745B }
```

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

```
.border{ border-color:#67745B }
```

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

Here you see how a box with a 4 pixel #67745B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67745B; -webkit-box-shadow:4px 4px  
4px 4px #67745B; box-shadow:4px 4px 4px  
4px #67745B }
```

Background

The CSS property to change the background color of an element to Hex 67745B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67745B }
```

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

```
.background{ background-color:#67745B }
```

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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