

Converting Colors

Hex(68745A)

Have a look what the booklet for
Hex(68745A) contains.

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Color

Hex(68745A)

Conversions

Conversions Part 1

Format	Color
Hex	68745A
RGB	104, 116, 90
RGB Percent	41%, 45%, 35%
CMY	0.5922, 0.5451, 0.6471
CMYK	0.10, 0.00, 0.22, 0.55
HSL	88°, 13%, 40%
HSV	88°, 22%, 45%
XYZ	13.7998, 16.1720, 12.0670
YIQ	109.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

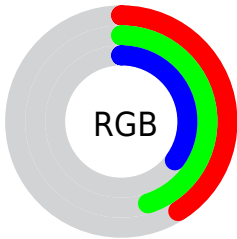
Format	Color
R_{YB}	90, 116, 102
Decimal	6845530
CIE Lab	47.20, -9.62, 12.90
CIE LCh	47, 16.088, 126.713
Yxy	16.1720, 0.3283, 0.3847
Android (android.graphics.Color)	4285035610 (0xFF68745A)
YUV	109.4480, -9.5879, -4.7779
Hunter-Lab	40.2145, -9.1222, 10.3591

Details

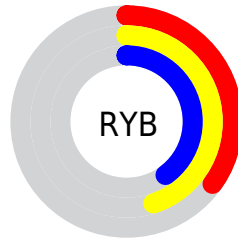
The Hex color **68745A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665A74**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9BA88C**, and **39442C** is the 20% darker color. If you saturate the color by 10%, you get **63744E**, and if you desaturate by 10%, it is **6D7466**.

Distribution



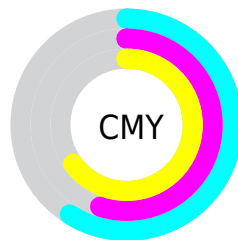
- Red (41%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68745A 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 68745A by changing the saturation by 10% instead.



68745A



68745A

FFFFFF



505B42



9BA88C



39442C



B6C3A7



232E17



D2DFC2



0F1900



EEFCDE



000000



FFFFFA



68745A



68745A



63744E



6D7466



5D7443



737471

■ 587437

■ 78747D

■ 53742C

■ 7D7488

■ 4D7420

■ 837494

■ 487414

■ 8874A0

■ 437409

■ 8D74AB

■ 3E7400

■ 9374B7

■ 9874C2

Harmonies

Analogous

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



777055



68745A



597765

Triad

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



68745A



537488



8B666D

Complementary

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



68745A



665A74

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.



84687B



68745A



64708B

Square

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



68745A



4A7780



766B86



8B6860

Rectangle

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



68745A



50786E



766B86



8A6672

Sweetspot

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



68745A



92968C



74665A



4A4D46



CCCCCC



4D4D4D

Same Dimension

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



68745A



84966E



5B745A



383B35



427A00



87FA00

Inverse Universe

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



665A74



816E96



735A74



37353B



38007A



7300FA

Previews

White Background



This preview shows how the Hex color 68745A looks on a white background.

Color Contrast Check

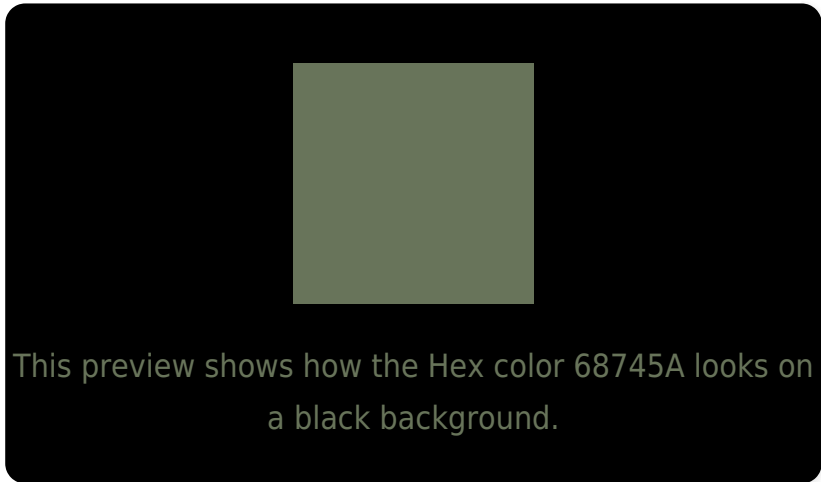
Large Text (above 18pt) WCAG AA ✓ Pass

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

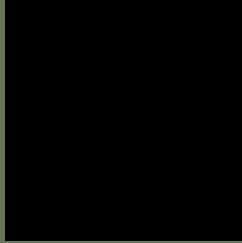
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

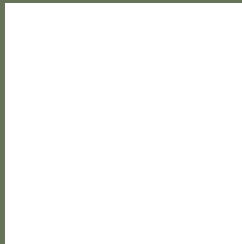
Any Text WCAG AAA × Fail

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

Hex 68745A Background



This preview shows how black text looks on a background with the Hex color 68745A.



This preview shows how white text looks on a background with the Hex color 68745A.

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
68745A

Protanopia
777058

Deuteranopia
816B5C



Tritanopia
6D7079

Trichromacy



Original Color
68745A

Protanomaly
727159

Deuteranomaly
786E5B

Tritanomaly
6B716E

Monochromacy



Original Color
68745A

Achromatopsia
6D6D6D

Achromatomaly
6B7066

CSS Examples

Text

The CSS property to change the color of the text to Hex 68745A 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 #68745A looks like.

```
.text, #text, p{  
    color:#68745A  
}
```

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 #68745A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68745A
}
```

Border

The CSS property to change the border of an element to Hex 68745A 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".

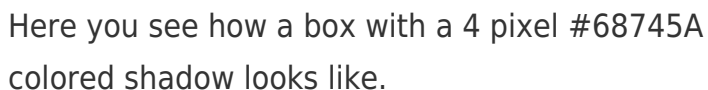
```
.border, #border, table{ border:4px solid
#68745A }
```

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

```
.border{ border-color:#68745A }
```

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

Here you see how a box with a 4 pixel #68745A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68745A; -webkit-box-shadow:4px 4px  
4px 4px #68745A; box-shadow:4px 4px 4px  
4px #68745A }
```

Background

The CSS property to change the background color of an element to Hex 68745A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68745A }
```

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

```
.background{ background-color:#68745A }
```

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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