

Converting Colors

Hex(64735F)

Have a look what the booklet for
Hex(64735F) contains.

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Color

Hex(64735F)

Conversions

Conversions Part 1

Format	Color
Hex	64735F
RGB	100, 115, 95
RGB Percent	39%, 45%, 37%
CMY	0.6078, 0.5490, 0.6275
CMYK	0.13, 0.00, 0.17, 0.55
HSL	105°, 10%, 41%
HSV	105°, 17%, 45%
XYZ	13.4518, 15.7970, 13.1666
YIQ	108.2350, -2.5200, -9.4000

Conversions

Conversions Part 2

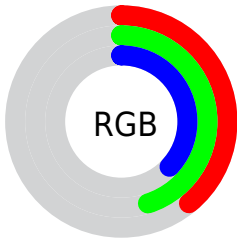
Format	Color
RYB	95, 115, 110
Decimal	6583135
CIELab	46.71, -9.72, 9.21
CIElCh	47, 13.396, 136.539
Yxy	15.7970, 0.3171, 0.3724
Android (android.graphics.Color)	4284773215 (0xFF64735F)
YUV	108.2350, -6.5249, -7.2221
Hunter-Lab	39.7455, -9.1414, 8.1806

Details

The Hex color **64735F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E5F73**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **97A791**, and **354331** is the 20% darker color. If you saturate the color by 10%, you get **5B7354**, and if you desaturate by 10%, it is **6D736B**.

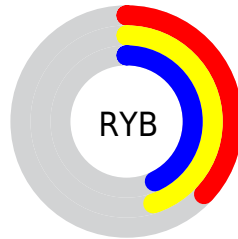
Distribution



Red (39%)

Green (45%)

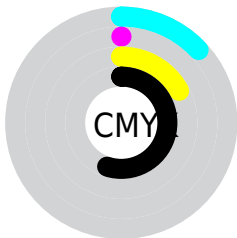
Blue (37%)



Red (37%)

Yellow (45%)

Blue (43%)

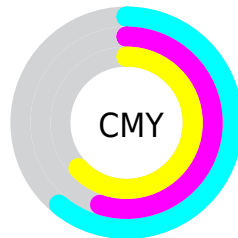


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (55%)



Cyan (61%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64735F 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 64735F by changing the saturation by 10% instead.

64735F

64735F

FFFFFF

4C5A47

97A791

354331

B2C2AC

202D1C

CDDEC7

0A1902

E9FBE3

000000

64735F

64735F

5B7354

6D736B

537348

757376

4A733D

7E7382

■ 427331

■ 87738D

■ 397325

■ 8F7399

■ 30731A

■ 9873A4

■ 28730E

■ A073B0

■ 1F7303

■ A973BB

■ 1D7300

■ B273C7

Harmonies

Analogous

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



717059



64735F



587569

Triad

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



64735F



5C7184



866769

Complementary

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



64735F



6E5F73

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.



826774



64735F



6A6E84

Square

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



64735F



52747F



786A7E



84695F

Rectangle

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



64735F



537571



786A7E



86676D

Sweetspot

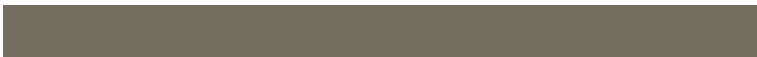
The Sweet Spot groups the original color and five complimentary colors.



64735F



91968F



736E5F



494D48



CCCCCC



4D4D4D

Same Dimension

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



64735F



7F9677



5F7364



363B35



1F7A00



3EFA00

Inverse Universe

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



6E5F73



8F7796



735F6E



39353B



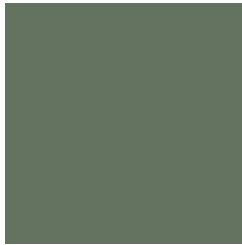
5C007A



BB00FA

Previews

White Background



This preview shows how the Hex color 64735F looks on a white background.

Color Contrast Check

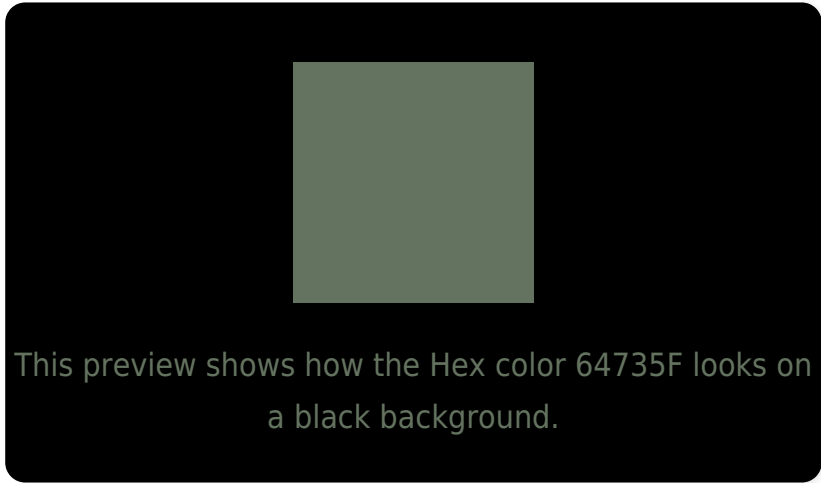
Large Text (above 18pt) WCAG AA ✓ Pass

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

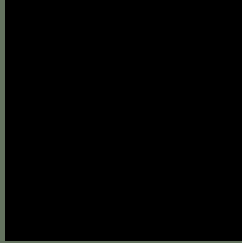
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

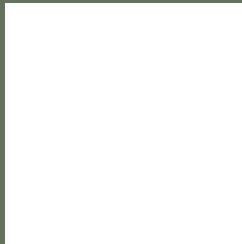
Any Text WCAG AAA × Fail

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

Hex 64735F Background



This preview shows how black text looks on a background with the Hex color 64735F.



This preview shows how white text looks on a background with the Hex color 64735F.

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
64735F

Protanopia
756E5D

Deuteranopia
7E6A61



Tritanopia
686F78

Trichromacy



Original Color
64735F

Protanomaly
6F705E

Deuteranomaly
756D60

Tritanomaly
67706F

Monochromacy



Original Color
64735F

Achromatopsia
6C6C6C

Achromatomaly
696F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 64735F 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 #64735F looks like.

```
.text, #text, p{  
    color:#64735F  
}
```

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 #64735F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64735F
}
```

Border

The CSS property to change the border of an element to Hex 64735F 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".

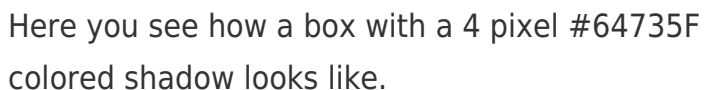
```
.border, #border, table{ border:4px solid
#64735F }
```

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

```
.border{ border-color:#64735F }
```

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

Here you see how a box with a 4 pixel #64735F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64735F; -webkit-box-shadow:4px 4px  
4px 4px #64735F; box-shadow:4px 4px 4px  
4px #64735F }
```

Background

The CSS property to change the background color of an element to Hex 64735F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64735F }
```

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

```
.background{ background-color:#64735F }
```

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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