

Converting Colors

Hex(5F7465)

Have a look what the booklet for
Hex(5F7465) contains.

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Color

Hex(5F7465)

Conversions

Conversions Part 1

Format	Color
Hex	5F7465
RGB	95, 116, 101
RGB Percent	37%, 45%, 40%
CMY	0.6275, 0.5451, 0.6039
CMYK	0.18, 0.00, 0.13, 0.55
HSL	137°, 10%, 41%
HSV	137°, 18%, 45%
XYZ	13.3137, 15.8633, 14.6721
YIQ	108.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

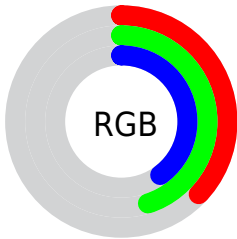
Format	Color
R_{YB}	95, 111, 116
Decimal	6255717
CIE Lab	46.79, -11.00, 5.73
CIE LCh	47, 12.399, 152.471
Yxy	15.8633, 0.3036, 0.3618
Android (android.graphics.Color)	4284445797 (0xFF5F7465)
YUV	108.0110, -3.4564, -11.4106
Hunter-Lab	39.8287, -10.0325, 6.0388

Details

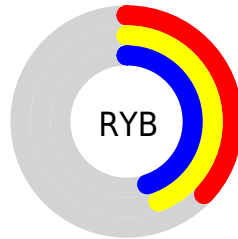
The Hex color **5F7465** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **745F6E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **92A898**, and **304436** is the 20% darker color. If you saturate the color by 10%, you get **53745D**, and if you desaturate by 10%, it is **6B746D**.

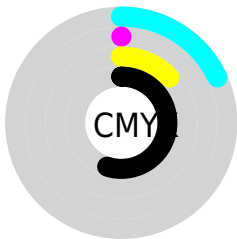
Distribution



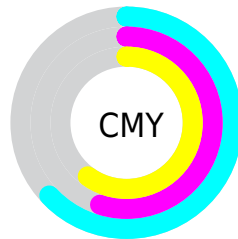
- Red (37%)
- Green (45%)
- Blue (40%)



- Red (37%)
- Yellow (44%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (55%)



- Cyan (63%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7465 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 5F7465 by changing the saturation by 10% instead.

■ 5F7465

■ 5F7465

FFFFFF

■ 475B4D

■ 92A898

■ 304436

■ ACC3B3

■ 1B2E21

■ C8DFCE

■ 03190A

■ E4FCEA

■ 000000

■ 5F7465

■ 5F7465

■ 53745D

■ 6B746D

■ 487454

■ 767476

■ 3C744C

■ 82747E

■ 317444

■ 8D7486

■ 25743C

■ 99748E

■ 197433

■ A57497

■ 0E742B

■ B0749F

■ 027423

■ BC74A7

■ 007421

■ C774B0

Harmonies

Analogous

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



6B725D



5F7465



56756F

Triad

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



5F7465



647083



846864

Complementary

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



5F7465



745F6E

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.



84686E



5F7465



726C80

Square

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



5F7465



597381



7D6979



7F6B5D

Rectangle

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



5F7465



537576



7D6979



856867

Sweetspot

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



5F7465



8F9691



6E745F



484D49



CCCCCC



4D4D4D

Same Dimension

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



5F7465



75967F



5F746F



353B36



007A23



00FA47

Inverse Universe

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



745F6E



96758D



745F64



3B3539



7A0057



FA00B3

Previews

White Background



This preview shows how the Hex color 5F7465 looks on a white background.

Color Contrast Check

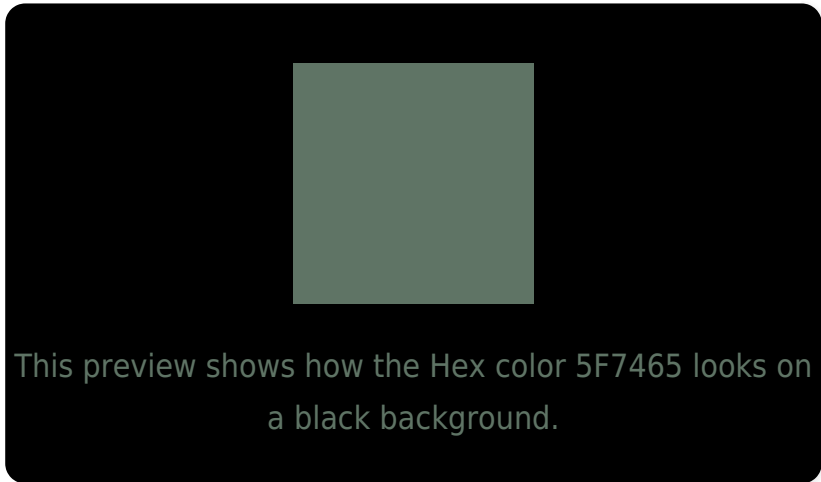
Large Text (above 18pt) WCAG AA ✓ Pass

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

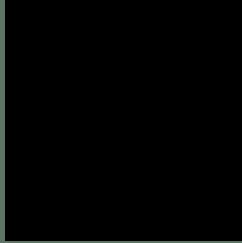
Any Text WCAG AA × Fail

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 5F7465 Background



This preview shows how black text looks on a background with the Hex color 5F7465.

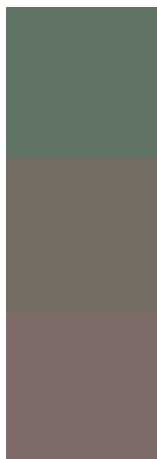


This preview shows how white text looks on a background with the Hex color 5F7465.

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
5F7465

Protanopia
746E62

Deuteranopia
7C6B67



Tritanopia
63717A

Trichromacy



Original Color
5F7465

Protanomaly
6C7063

Deuteranomaly
716E66

Tritanomaly
627272

Monochromacy



Original Color
5F7465

Achromatopsia
6C6C6C

Achromatomaly
676F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7465 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 #5F7465 looks like.

```
.text, #text, p{  
    color:#5F7465  
}
```

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 #5F7465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7465
}
```

Border

The CSS property to change the border of an element to Hex 5F7465 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
#5F7465 }
```

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

```
.border{ border-color:#5F7465 }
```

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

Here you see how a box with a 4 pixel #5F7465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7465; -webkit-box-shadow:4px 4px  
4px 4px #5F7465; box-shadow:4px 4px 4px  
4px #5F7465 }
```

Background

The CSS property to change the background color of an element to Hex 5F7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7465 }
```

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

```
.background{ background-color:#5F7465 }
```

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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