

Converting Colors

Hex(607F51)

Have a look what the booklet for
Hex(607F51) contains.

| | |
|------------------------------------------------|----|
| Hex(607F51) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(607F51)

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | 607F51 |
| RGB | 96, 127, 81 |
| RGB Percent | 38%, 50%, 32% |
| CMY | 0.6235, 0.5020, 0.6824 |
| CMYK | 0.24, 0.00, 0.36, 0.50 |
| HSL | 100°, 22%, 41% |
| HSV | 100°, 36%, 50% |
| XYZ | 13.8984, 18.2596, 10.5765 |
| YIQ | 112.4870, -3.7100, -20.8780 |

Conversions

Conversions Part 2

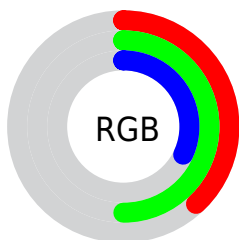
| Format | Color |
|-------------------------------------|----------------------------------------------|
| RYB | 81, 127, 112 |
| Decimal | 6324049 |
| CIELab | 49.81, -20.24, 21.53 |
| CIELCh | 50, 29.550, 133.239 |
| Yxy | 18.2596, 0.3252, 0.4273 |
| Android (android.graphics.Color) | 4284514129 (0xFF607F51) |
| YUV | 112.4870, -15.5231, -14.4591 |
| Hunter-Lab | 42.7313, -16.7222, 15.2369 |

Details

The Hex color **607F51** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **70517F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **93B483**, and **304E23** is the 20% darker color. If you saturate the color by 10%, you get **577F44**, and if you desaturate by 10%, it is **697F5E**.

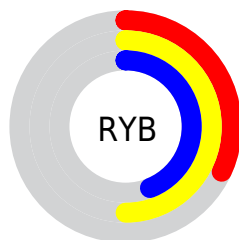
Distribution



Red (38%)

Green (50%)

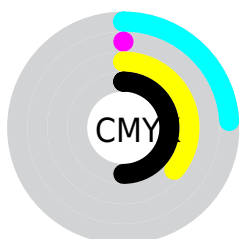
Blue (32%)



Red (32%)

Yellow (50%)

Blue (44%)

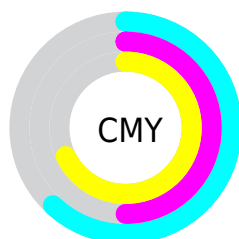


Cyan (24%)

Magenta (0%)

Yellow (36%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607F51 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 607F51 by changing the saturation by 10% instead.



607F51

FFFFFF



93B483



AED09D



CAECB8



E6FFD4



FFFFF0



607F51



48663A



304E23



19370E



022100



000000



607F51



577F44



4F7F38



607F51



697F5E



717F6A

 467F2B

 7A7F77

 3E7F1E

 827F84

 357F11

 8B7F91

 2D7F05

 937F9D

 297F00

 9C7FAA

 A47FB7

 AD7FC3

Harmonies

Analogous

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



7C7945



607F51



408367

Triad

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



607F51



387DA6



A7636C

Complementary

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



607F51



70517F

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.



9E6586



607F51



6475A7

Square

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



607F51



038298



876C9B



A36855

Rectangle

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



607F51



278478



876C9B



A66375

Sweetspot

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



607F51



99A694



7F7051



4D5449



D4D4D4



545454

Same Dimension

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



607F51



76A65E



517F59



3B4039



2A8000



000000

Inverse Universe

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



70517F



8F5EA6



7F5177



3E3940



560080



000000

Previews

White Background



This preview shows how the Hex color 607F51 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



This preview shows how the Hex color 607F51 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

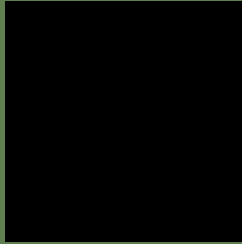
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 607F51 Background



This preview shows how black text looks on a background with the Hex color 607F51.



This preview shows how white text looks on a background with the Hex color 607F51.

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
607F51

Protanopia
80764D

Deuteranopia
8C7154






Tritanopia
687983

Trichromacy

| | |
|-----------------------------------------------------------------------------------|---------------------------------|
|  | Original Color 607F51 |
|  | Protanomaly 74794E |
|  | Deuteranomaly 7C7653 |
|  | Tritanomaly 657B71 |

Monochromacy

| | |
|-------------------------------------------------------------------------------------|---------------------------------|
|  | Original Color 607F51 |
|  | Achromatopsia 707070 |
|  | Achromatomaly 6A7565 |

CSS Examples

Text

The CSS property to change the color of the text to Hex 607F51 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 #607F51 looks like.

```
.text, #text, p{  
    color:#607F51  
}
```

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 #607F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607F51
}
```

Border

The CSS property to change the border of an element to Hex 607F51 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
#607F51 }
```

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

```
.border{ border-color:#607F51 }
```

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

Here you see how a box with a 4 pixel #607F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607F51; -webkit-box-shadow:4px 4px  
4px 4px #607F51; box-shadow:4px 4px 4px  
4px #607F51 }
```

Background

The CSS property to change the background color of an element to Hex 607F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607F51 }
```

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

```
.background{ background-color:#607F51 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor