

Converting Colors

Hex(577F50)

Have a look what the booklet for
Hex(577F50) contains.

Hex(577F50)	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(577F50)

Conversions

Conversions Part 1

Format	Color
Hex	577F50
RGB	87, 127, 80
RGB Percent	34%, 50%, 31%
CMY	0.6588, 0.5020, 0.6863
CMYK	0.31, 0.00, 0.37, 0.50
HSL	111°, 23%, 41%
HSV	111°, 37%, 50%
XYZ	12.9678, 17.7842, 10.3386
YIQ	109.6820, -8.7530, -23.0970

Conversions

Conversions Part 2

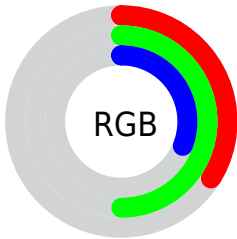
Format	Color
RYB	80, 127, 120
Decimal	5734224
CIELab	49.23, -23.78, 21.23
CIELCh	49, 31.873, 138.239
Yxy	17.7842, 0.3156, 0.4328
Android (android.graphics.Color)	4283924304 (0xFF577F50)
YUV	109.6820, -14.6332, -19.8921
Hunter-Lab	42.1713, -18.9103, 14.9845

Details

The Hex color **577F50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **78507F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8AB482**, and **274E22** is the 20% darker color. If you saturate the color by 10%, you get **4C7F43**, and if you desaturate by 10%, it is **627F5D**.

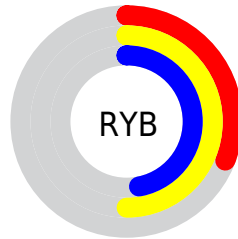
Distribution



Red (34%)

Green (50%)

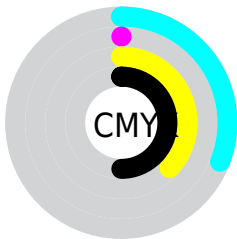
Blue (31%)



Red (31%)

Yellow (50%)

Blue (47%)

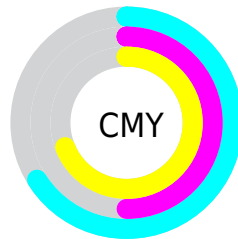


Cyan (31%)

Magenta (0%)

Yellow (37%)

Black (50%)



Cyan (66%)

Magenta (50%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577F50 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 577F50 by changing the saturation by 10% instead.



577F50



577F50

FFFFFF



3F6639



8AB482



274E22



A5D09C



0E360D



C0ECB7



002100



DDFFD3



000000



F9FFE7



577F50



577F50



4C7F43



627F5D



417F37



6D7F69

 377F2A

 777F76

 2C7F1D

 827F83

 217F10

 8D7F90

 167F04

 987F9C

 137F00

 A37FA9

 AD7FB6

 B87FC2

Harmonies

Analogous

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



767941



577F50



318369

Triad

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



577F50



357BA9



A96065

Complementary

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



577F50



78507F

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.



A26181



577F50



6872A8

Square

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



577F50



00819D



8C6899



A2664E

Rectangle

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



577F50



04837C



8C6899



A95F6E

Sweetspot

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



577F50



96A694



7F7850



4B5449



D4D4D4



545454

Same Dimension

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



577F50



68A65D



507F60



3A4039



138000



000000

Inverse Universe

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



78507F



9B5DA6



7F506F



3F3940



6D0080



000000

Previews

White Background



This preview shows how the Hex color 577F50 looks on a white background.

Color Contrast Check

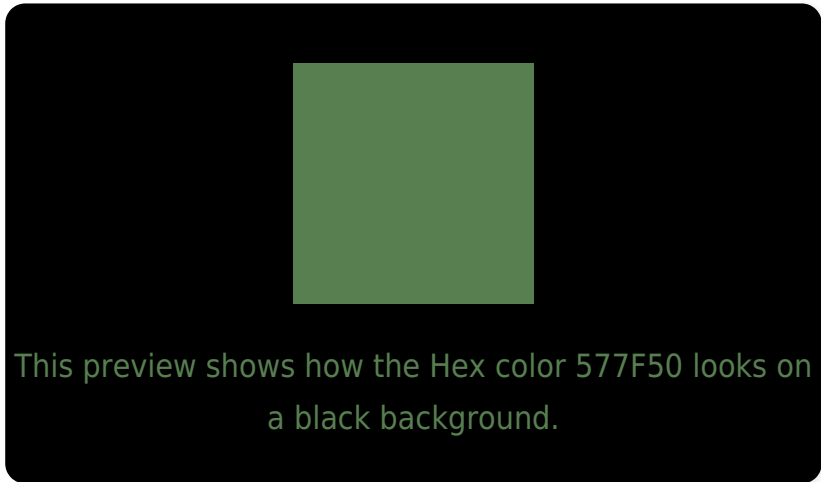
Large Text (above 18pt) WCAG AA ✓ Pass

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

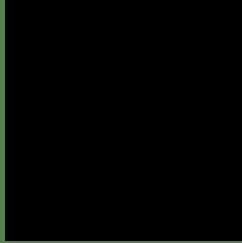
Any Text WCAG AA ✓ Pass

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 577F50 Background



This preview shows how black text looks on a background with the Hex color 577F50.



This preview shows how white text looks on a background with the Hex color 577F50.

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
577F50

Protanopia
7F754C

Deuteranopia
8A7053



Tritanopia
607983

Trichromacy



Original Color
577F50

Protanomaly
70794D

Deuteranomaly
777552

Tritanomaly
5D7B70

Monochromacy



Original Color
577F50

Achromatopsia
6E6E6E

Achromatomaly
667463

CSS Examples

Text

The CSS property to change the color of the text to Hex 577F50 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 #577F50 looks like.

```
.text, #text, p{  
    color:#577F50  
}
```

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 #577F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577F50
}
```

Border

The CSS property to change the border of an element to Hex 577F50 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
#577F50 }
```

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

```
.border{ border-color:#577F50 }
```

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

Here you see how a box with a 4 pixel #577F50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577F50; -webkit-box-shadow:4px 4px  
4px 4px #577F50; box-shadow:4px 4px 4px  
4px #577F50 }
```

Background

The CSS property to change the background color of an element to Hex 577F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577F50 }
```

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

```
.background{ background-color:#577F50 }
```

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