

# Converting Colors

Hex(578F64)

Have a look what the booklet for  
Hex(578F64) contains.

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# Color

Hex(578F64)

# Conversions

## Conversions Part 1

Format	Color
Hex	578F64
RGB	87, 143, 100
RGB Percent	34%, 56%, 39%
CMY	0.6588, 0.4392, 0.6078
CMYK	0.39, 0.00, 0.30, 0.44
HSL	134°, 24%, 45%
HSV	134°, 39%, 56%
XYZ	16.0532, 22.5913, 15.5710
YIQ	121.3540, -19.5730, -25.2450

# Conversions

## Conversions Part 2

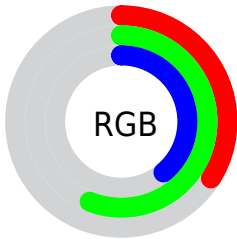
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 132, 143
Decimal	5738340
CIELab	54.65, -28.14, 17.22
CIElCh	55, 32.989, 148.534
Yxy	22.5913, 0.2961, 0.4167
Android (android.graphics.Color)	4283928420 (0xFF578F64)
YUV	121.3540, -10.5275, -30.1285
Hunter-Lab	47.5303, -22.8902, 13.8476

# Details

The Hex color **578F64** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F5782**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8BC597**, and **255C35** is the 20% darker color. If you saturate the color by 10%, you get **498F59**, and if you desaturate by 10%, it is **658F6F**.

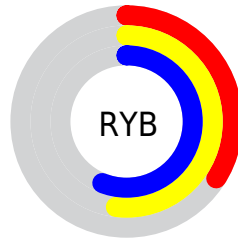
# Distribution



Red (34%)

Green (56%)

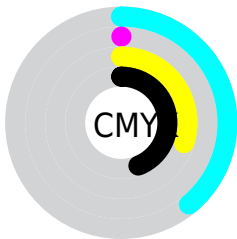
Blue (39%)



Red (34%)

Yellow (52%)

Blue (56%)

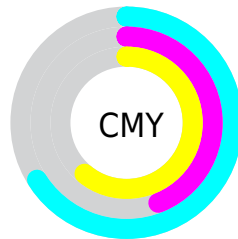


Cyan (39%)

Magenta (0%)

Yellow (30%)

Black (44%)



Cyan (66%)

Magenta (44%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 578F64 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 578F64 by changing the saturation by 10% instead.



 578F64

 578F64

FFFFFF

 3E754C

 8BC597

 255C35

 A6E1B2

 07441F

 C2FECD

 002D09

 DEFFEA

 001900

 FBFFFF

 000000

 578F64

 578F64

 498F59

 658F6F

 3A8F4E

 748F7A

 2C8F43

 828F85

 1E8F38

 908F90

 108F2D

 9F8F9B

 018F22

 AD8FA6

 008F21

 BB8FB1

 C98FBC

 D88FC7

# Harmonies

## Analogous

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



79894F



578F64



2D9280

# Triad

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



578F64



5586BB



B96E69

# Complementary

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



578F64



8F5782

# 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.



B76C85



578F64



847CB5

# Square

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



578F64



168DB3



A572A1



AD7753

# Rectangle

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



578F64



009294



A572A1



BA6D72



# Sweetspot

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



578F64



A4BAA9



838F57



515E54



DEDEDE



5E5E5E



# Same Dimension

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



578F64



63BA77



578F7F



404742



00871F



000802



# Inverse Universe

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



8F5782



BA63A6



8F5767



474046



870068

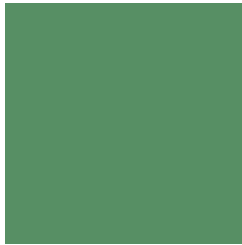


080006



# Previews

## White Background



This preview shows how the Hex color 578F64 looks on a white background.

## Color Contrast Check

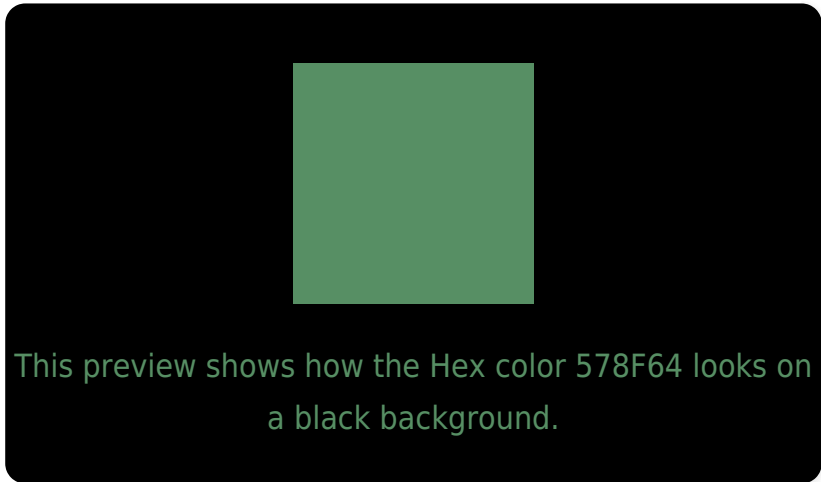
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

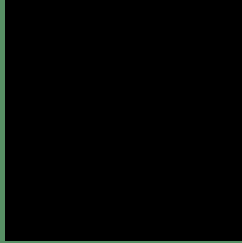
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 578F64 Background



This preview shows how black text looks on a background with the Hex color 578F64.



This preview shows how white text looks on a background with the Hex color 578F64.

# 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





**Tritanopia**  
618994

# Trichromacy



**Original Color**  
578F64

**Protanomaly**  
798760

**Deuteranomaly**  
808467

**Tritanomaly**  
5D8B83

# Monochromacy



**Original Color**  
578F64

**Achromatopsia**  
797979

**Achromatomaly**  
6D8171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 578F64 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 #578F64 looks like.

```
.text, #text, p{  
    color:#578F64  
}
```

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 #578F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578F64
}
```

## Border

The CSS property to change the border of an element to Hex 578F64 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
#578F64 }
```

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

```
.border{ border-color:#578F64 }
```

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

Here you see how a box with a 4 pixel #578F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578F64; -webkit-box-shadow:4px 4px  
4px 4px #578F64; box-shadow:4px 4px 4px  
4px #578F64 }
```

# Background

The CSS property to change the background color of an element to Hex 578F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578F64 }
```

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

```
.background{ background-color:#578F64 }
```

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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