

Converting Colors

Hex(579948)

Have a look what the booklet for
Hex(579948) contains.

Hex(579948)	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(579948)

Conversions

Conversions Part 1

Format	Color
Hex	579948
RGB	87, 153, 72
RGB Percent	34%, 60%, 28%
CMY	0.6588, 0.4000, 0.7176
CMYK	0.43, 0.00, 0.53, 0.40
HSL	109°, 36%, 44%
HSV	109°, 53%, 60%
XYZ	16.4914, 25.2766, 10.1406
YIQ	124.0320, -13.3350, -39.1830

Conversions

Conversions Part 2

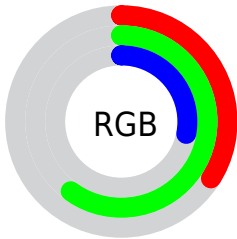
Format	Color
R_{YB}	72, 153, 138
Decimal	5740872
CIE _{Lab}	57.34, -37.26, 35.80
CIE _{LCh}	57, 51.672, 136.148
Yxy	25.2766, 0.3177, 0.4869
Android (android.graphics.Color)	4283930952 (0xFF579948)
YUV	124.0320, -25.6518, -32.4771
Hunter-Lab	50.2758, -29.4313, 23.2344

Details

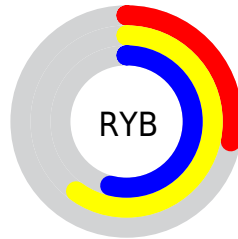
The Hex color **579948** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8A4899**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8DD07A**, and **206517** is the 20% darker color. If you saturate the color by 10%, you get **4B9939**, and if you desaturate by 10%, it is **639957**.

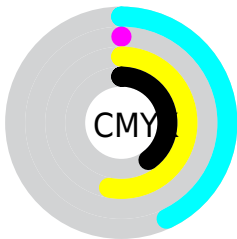
Distribution



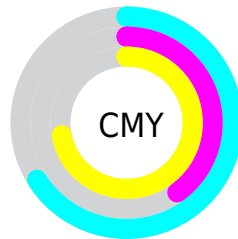
- Red (34%)
- Green (60%)
- Blue (28%)



- Red (28%)
- Yellow (60%)
- Blue (54%)



- Cyan (43%)
- Magenta (0%)
- Yellow (53%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579948 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 579948 by changing the saturation by 10% instead.

 579948

 579948

FFFFFF

 3C7F30

 8DD07A

 206517

 A8EC95

 004D00

 C4FFB0

 003500

 E1FFCC

 002100

 FEFFE8

 000000

 579948

 579948

 4B9939

 639957

 3E9929

 709967

 32991A

 7C9976

 25990B

 899985

 1C9900

 959994

 A299A4

 AE99B3

 BB99C2

 C799D2

Harmonies

Analogous

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



8B8F2C



579948



009E73

Triad

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



579948



0095E1



DD6273

Complementary

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



579948



8A4899

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.



D164A1



579948



6586E1

Square

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



579948



009DCA



AB74C9



D16E4A

Rectangle

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



579948



00A092



AB74C9



DC6182

Sweetspot

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



579948



ADC7A7



998948



546351



E3E3E3



636363

Same Dimension

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



579948



5FC748



489960



464D45



1A8C00



020D00

Inverse Universe

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



8A4899



AF48C7



994881



4B454D



72008C



0A000D

Previews

White Background



This preview shows how the Hex color 579948 looks on a white background.

Color Contrast Check

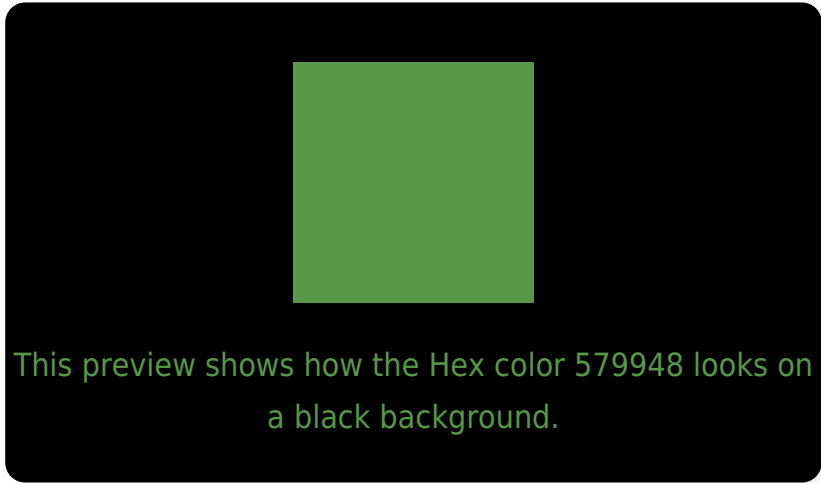
Large Text (above 18pt) WCAG AA ✓ Pass

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 579948 Background



This preview shows how black text looks on a background with the Hex color 579948.



This preview shows how white text looks on a background with the Hex color 579948.

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](#).

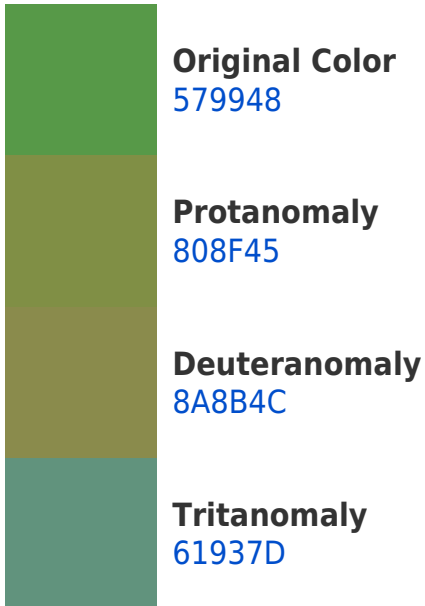
Dichromacy



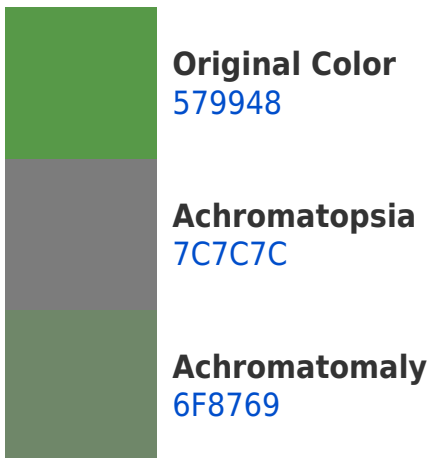


Tritanopia
66909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 579948 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 #579948 looks like.

```
.text, #text, p{  
    color:#579948  
}
```

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 #579948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579948
}
```

Border

The CSS property to change the border of an element to Hex 579948 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
#579948 }
```

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

```
.border{ border-color:#579948 }
```

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

Here you see how a box with a 4 pixel #579948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579948; -webkit-box-shadow:4px 4px  
4px 4px #579948; box-shadow:4px 4px 4px  
4px #579948 }
```

Background

The CSS property to change the background color of an element to Hex 579948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579948 }
```

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

```
.background{ background-color:#579948 }
```

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