

Converting Colors

Hex(579249)

Have a look what the booklet for
Hex(579249) contains.

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Color

Hex(579249)

Conversions

Conversions Part 1

Format	Color
Hex	579249
RGB	87, 146, 73
RGB Percent	34%, 57%, 29%
CMY	0.6588, 0.4275, 0.7137
CMYK	0.40, 0.00, 0.50, 0.43
HSL	108°, 33%, 43%
HSV	108°, 50%, 57%
XYZ	15.4120, 23.0650, 9.9430
YIQ	120.0370, -11.7310, -35.2110

Conversions

Conversions Part 2

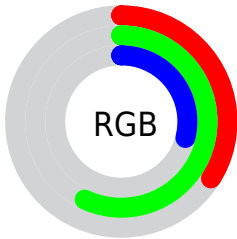
Format	Color
R_{YB}	73, 146, 132
Decimal	5739081
CIE _{Lab}	55.14, -33.98, 32.59
CIE _{LCh}	55, 47.084, 136.198
Yxy	23.0650, 0.3183, 0.4764
Android (android.graphics.Color)	4283929161 (0xFF579249)
YUV	120.0370, -23.1892, -28.9734
Hunter-Lab	48.0261, -26.7635, 21.3432

Details

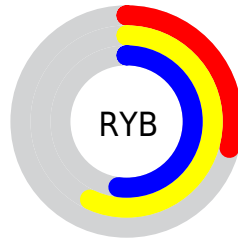
The Hex color **579249** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **844992**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8CC87B**, and **225F19** is the 20% darker color. If you saturate the color by 10%, you get **4B923A**, and if you desaturate by 10%, it is **639258**.

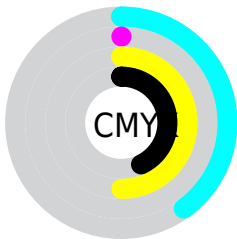
Distribution



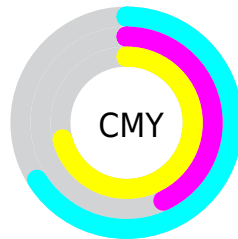
- Red (34%)
- Green (57%)
- Blue (29%)



- Red (29%)
- Yellow (57%)
- Blue (52%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (43%)



- Cyan (66%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579249 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 579249 by changing the saturation by 10% instead.

 579249

 579249

FFFFFF

 3D7831

 8CC87B

 225F19

 A7E595

 014700

 C3FFB0

 002F00

 E0FFCC

 001B00

 FDFFE9

 000000

 579249

 579249

 4B923A

 639258

 3F922C

 6F9266

 34921D

 7A9275

 28920F

 869283

 1C9200

 929292

 9E92A1

 AA92AF

 B592BE

 C192CC

Harmonies

Analogous

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



868931



579249



00976F

Triad

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



579249



008ED3



D0616F

Complementary

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



579249



844992

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.



C56399



579249



6581D2

Square

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



579249



0095BE



A370BD



C56C4B

Rectangle

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



579249



00988C



A370BD



CF607D

Sweetspot

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



579249



A6BDA0



928349



515E4D



DEDEDE



5E5E5E

Same Dimension

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



579249



61BD4B



49925F



444A43



1A8A00



020A00

Inverse Universe

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



844992



A74BBD



92497C



49434A



6F008A



08000A

Previews

White Background



This preview shows how the Hex color 579249 looks on a white background.

Color Contrast Check

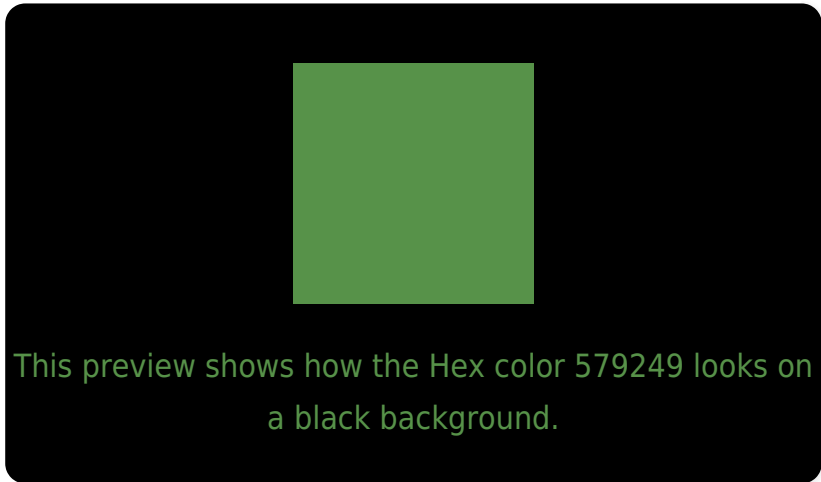
Large Text (above 18pt) WCAG AA ✓ Pass

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

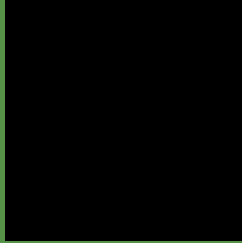
Any Text WCAG AA ✓ Pass

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 579249 Background



This preview shows how black text looks on a background with the Hex color 579249.



This preview shows how white text looks on a background with the Hex color 579249.

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
579249

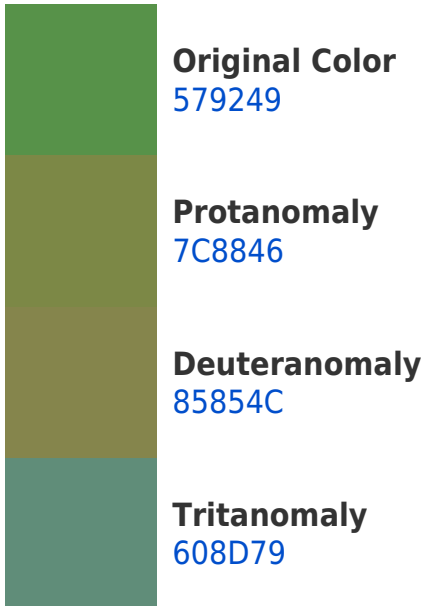
Protanopia
918344

Deuteranopia
9F7D4E

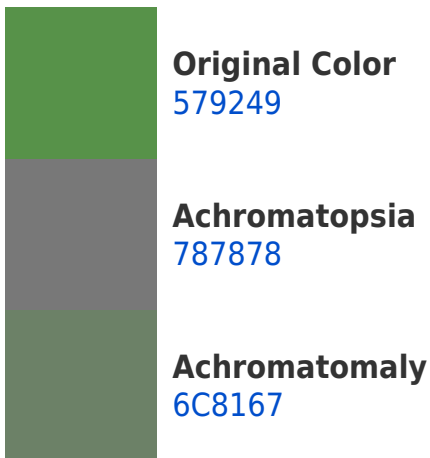


Tritanopia
658A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 579249 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 #579249 looks like.

```
.text, #text, p{  
    color:#579249  
}
```

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 #579249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579249
}
```

Border

The CSS property to change the border of an element to Hex 579249 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
#579249 }
```

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

```
.border{ border-color:#579249 }
```

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

Here you see how a box with a 4 pixel #579249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579249; -webkit-box-shadow:4px 4px  
4px 4px #579249; box-shadow:4px 4px 4px  
4px #579249 }
```

Background

The CSS property to change the background color of an element to Hex 579249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579249 }
```

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

```
.background{ background-color:#579249 }
```

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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