

Converting Colors

Hex(579400)

Have a look what the booklet for
Hex(579400) contains.

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Color

Hex(579400)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 579400 |
| RGB | 87, 148, 0 |
| RGB Percent | 34%, 58%, 0% |
| CMY | 0.6588, 0.4196, 1.0000 |
| CMYK | 0.41, 0.00, 1.00, 0.42 |
| HSL | 85°, 100%, 29% |
| HSV | 85°, 100%, 58% |
| XYZ | 14.5204, 23.2060, 3.7139 |
| YIQ | 112.8890, 11.1520, -58.9600 |

Conversions

Conversions Part 2

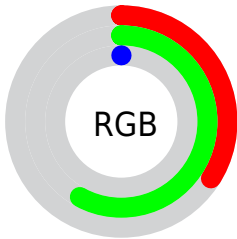
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 148, 61 |
| Decimal | 5739520 |
| CIELab | 55.28, -39.97, 58.04 |
| CIElCh | 55, 70.472, 124.552 |
| Yxy | 23.2060, 0.3504, 0.5600 |
| Android (android.graphics.Color) | 4283929600 (0xFF579400) |
| YUV | 112.8890, -55.6543, -22.7047 |
| Hunter-Lab | 48.1727, -30.4980, 29.1498 |

Details

The Hex color **579400** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D0094**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8FCB45**, and **1D6100** is the 20% darker color. If you saturate the color by 10%, you get **579400**, and if you desaturate by 10%, it is **5D940F**.

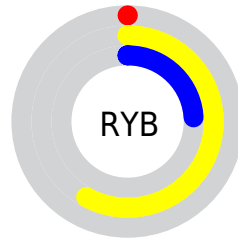
Distribution



Red (34%)

Green (58%)

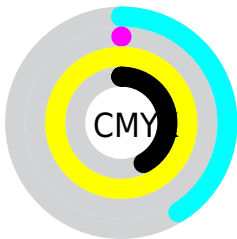
Blue (0%)



Red (0%)

Yellow (58%)

Blue (24%)

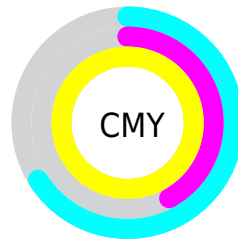


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (66%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579400 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 579400 by changing the saturation by 10% instead.

 579400

 579400

FFFFFF

 3B7A00

 8FCB45

 1D6100

 ABE761

 004800

 C8FF7C

 003100

 E5FF97

 001B00

 FFFFB3

 000000

 FFFFD0

 FFFFED

 579400

 5D940F

 63941E

 69942C

 6F943B

 76944A

 7C9459

 829468

 889476

 8E9485

Harmonies

Analogous

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



978500



579400



009C4C

Triad

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



579400



0098F3



EF3E7E

Complementary

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



579400



3D0094

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.



D450BA



579400



0089FF

Square

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



579400



009FC8



8F6FEA



E85043

Rectangle

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



579400



009F77



8F6FEA



EA4092

Sweetspot

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



579400



A8BF86



943B00



53613E



E0E0E0



616161

Same Dimension

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



579400



70BF00



0F9400



474A43



518A00



060A00

Inverse Universe

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



3D0094



4F00BF



850094



46434A



39008A



04000A

Previews

White Background



This preview shows how the Hex color 579400 looks on a white background.

Color Contrast Check

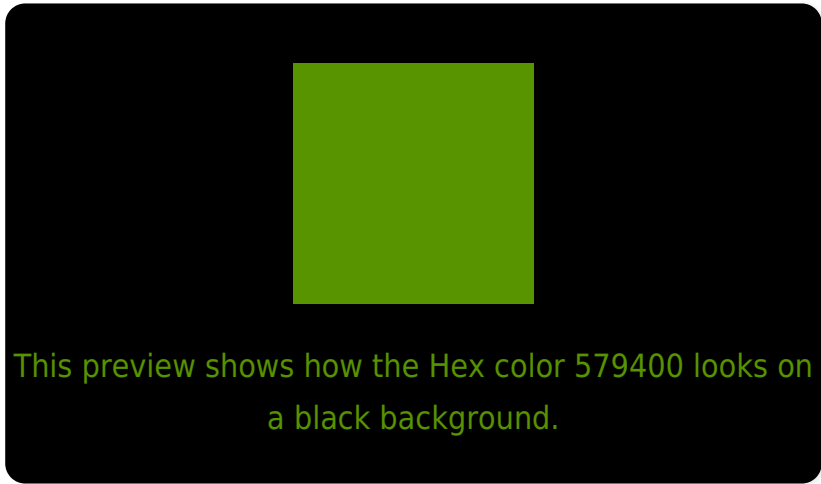
Large Text (above 18pt) WCAG AA ✓ Pass

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 579400 Background



This preview shows how black text looks on a background with the Hex color 579400.



This preview shows how white text looks on a background with the Hex color 579400.

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
579400

Protanopia
958400

Deuteranopia
A67D1D



Tritanopia
688A95

Trichromacy



Original Color
579400

Protanomaly
7E8A00

Deuteranomaly
898512

Tritanomaly
628E5F

Monochromacy



Original Color
579400

Achromatopsia
717171

Achromatomaly
687E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 579400 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 #579400 looks like.

```
.text, #text, p{  
    color:#579400  
}
```

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 #579400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579400
}
```

Border

The CSS property to change the border of an element to Hex 579400 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
#579400 }
```

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

```
.border{ border-color:#579400 }
```

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

Here you see how a box with a 4 pixel #579400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579400; -webkit-box-shadow:4px 4px  
4px 4px #579400; box-shadow:4px 4px 4px  
4px #579400 }
```

Background

The CSS property to change the background color of an element to Hex 579400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579400 }
```

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

```
.background{ background-color:#579400 }
```

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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