

Converting Colors

Hex(58CC29)

Have a look what the booklet for
Hex(58CC29) contains.

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Color

Hex(58CC29)

Conversions

Conversions Part 1

Format	Color
Hex	58CC29
RGB	88, 204, 41
RGB Percent	35%, 80%, 16%
CMY	0.6549, 0.2000, 0.8392
CMYK	0.57, 0.00, 0.80, 0.20
HSL	103°, 67%, 48%
HSV	103°, 80%, 80%
XYZ	26.0176, 45.4205, 9.4936
YIQ	150.7340, -16.8130, -75.2850

Conversions

Conversions Part 2

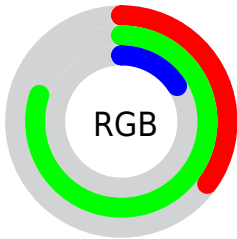
Format	Color
RYB	41, 204, 157
Decimal	5819433
CIELab	73.17, -59.70, 65.05
CIELCh	73, 88.292, 132.542
Yxy	45.4205, 0.3215, 0.5612
Android (android.graphics.Color)	4284009513 (0xFF58CC29)
YUV	150.7340, -54.0989, -55.0177
Hunter-Lab	67.3948, -49.0313, 38.8244

Details

The Hex color **58CC29** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **9D29CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **95FF64**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **49CC15**, and if you desaturate by 10%, it is **67CC3D**.

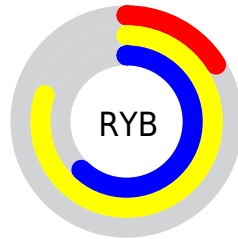
Distribution



Red (35%)

Green (80%)

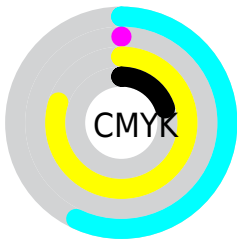
Blue (16%)



Red (16%)

Yellow (80%)

Blue (62%)

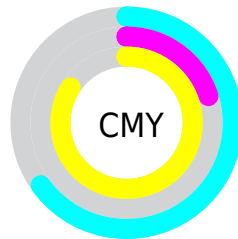


Cyan (57%)

Magenta (0%)

Yellow (80%)

Black (20%)



Cyan (65%)

Magenta (20%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58CC29 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 58CC29 by changing the saturation by 10% instead.



58CC29



58CC29

FFFFFF



36B000



95FF64



009500



B3FF80



007A00



D1FF9C



006000



EFFFB9



004700



FFFFD6



003000



FFFFF3



001300



000000



58CC29



58CC29

 49CC15

 67CC3D

 3BCC00

 75CC52

 84CC66

 92CC7B

 A1CC8F

 AFCCA3

 BECCB8

 CCCCCC

 DBCCE1

Harmonies

Analogous

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



B8BB00



58CC29



00D580

Triad

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



58CC29



00CAFF



FF5895

Complementary

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



58CC29



9D29CC

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.



FF64E6



58CC29



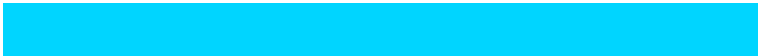
00B2FF

Square

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



58CC29



00D5FF



E08DFF



FF7848

Rectangle

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



58CC29



00D7B8



E08DFF



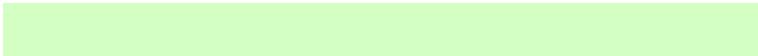
FF56B0

Sweetspot

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



58CC29



D3FFC2



CC9B29



65805B



000000



808080

Same Dimension

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



58CC29



51FF0A



29CC4A



5F665C



30A600



0B2600

Inverse Universe

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



9D29CC



B80AFF



CC29AB



635C66



7600A6



1B0026

Previews

White Background



This preview shows how the Hex color 58CC29 looks on a white background.

Color Contrast Check

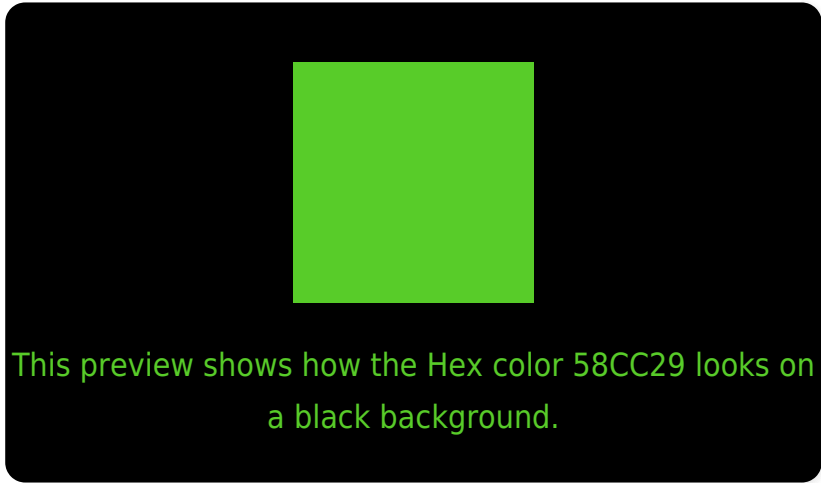
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 58CC29 Background



This preview shows how black text looks on a background with the Hex color 58CC29.

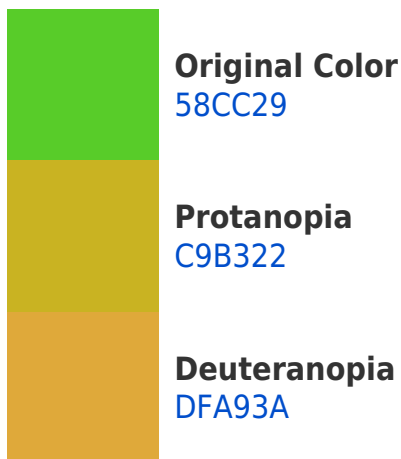


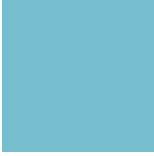
This preview shows how white text looks on a background with the Hex color 58CC29.

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
76BECD

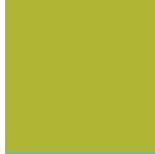
Trichromacy



Original Color
58CC29



Protanomaly
A0BC25



Deuteranomaly
AEB634



Tritanomaly
6BC391

Monochromacy



Original Color
58CC29



Achromatopsia
979797



Achromatomaly
80AA6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 58CC29 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 #58CC29 looks like.

```
.text, #text, p{  
    color:#58CC29  
}
```

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 #58CC29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58CC29
}
```

Border

The CSS property to change the border of an element to Hex 58CC29 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
#58CC29 }
```

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

```
.border{ border-color:#58CC29 }
```

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

Here you see how a box with a 4 pixel #58CC29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58CC29; -webkit-box-shadow:4px 4px  
4px 4px #58CC29; box-shadow:4px 4px 4px  
4px #58CC29 }
```

Background

The CSS property to change the background color of an element to Hex 58CC29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58CC29 }
```

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

```
.background{ background-color:#58CC29 }
```

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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