

Converting Colors

Hex(58CE29)

Have a look what the booklet for
Hex(58CE29) contains.

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Color

Hex(58CE29)

Conversions

Conversions Part 1

Format	Color
Hex	58CE29
RGB	88, 206, 41
RGB Percent	35%, 81%, 16%
CMY	0.6549, 0.1922, 0.8392
CMYK	0.57, 0.00, 0.80, 0.19
HSL	103°, 67%, 48%
HSV	103°, 80%, 81%
XYZ	26.4960, 46.3774, 9.6531
YIQ	151.9080, -17.3630, -76.3310

Conversions

Conversions Part 2

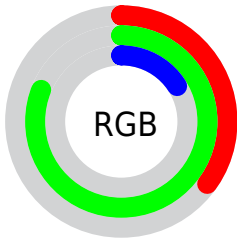
Format	Color
RYB	41, 206, 159
Decimal	5819945
CIELab	73.79, -60.40, 65.63
CIELCh	74, 89.193, 132.623
Yxy	46.3774, 0.3211, 0.5620
Android (android.graphics.Color)	4284010025 (0xFF58CE29)
YUV	151.9080, -54.6776, -56.0473
Hunter-Lab	68.1010, -49.7277, 39.2665

Details

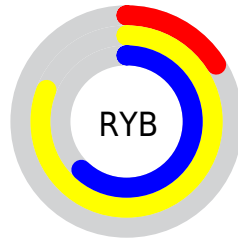
The Hex color **58CE29** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **9F29CE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95FF65**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **49CE14**, and if you desaturate by 10%, it is **67CE3E**.

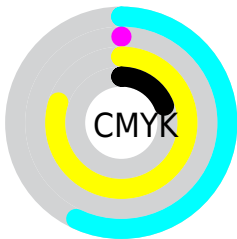
Distribution



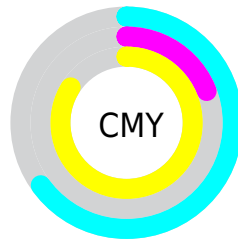
- Red (35%)
- Green (81%)
- Blue (16%)



- Red (16%)
- Yellow (81%)
- Blue (62%)



- Cyan (57%)
- Magenta (0%)
- Yellow (80%)
- Black (19%)



- Cyan (65%)
- Magenta (19%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58CE29 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 58CE29 by changing the saturation by 10% instead.

 58CE29

 58CE29

FFFFFF

 35B200

 95FF65

 009600

 B3FF81

 007C00

 D1FF9D

 006200

 F0FFB9

 004800

 FFFFD6

 003200

 FFFFF4

 001600

 000000

 58CE29

 58CE29

 49CE14

 67CE3E

 3BCE00

 75CE52

 84CE67

 93CE7B

 A2CE90

 B0CEA5

 BFCEB9

 CECECE

 DDCEE2

Harmonies

Analogous

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



BABD00



58CE29



00D781

Triad

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



58CE29



00CCFF



FF5996

Complementary

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



58CE29



9F29CE

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.



FF64E8



58CE29



00B4FF

Square

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



58CE29



00D7FF



E38EFF



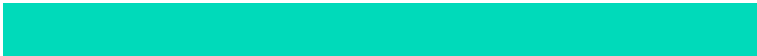
FF7949

Rectangle

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



58CE29



00DABA



E38EFF



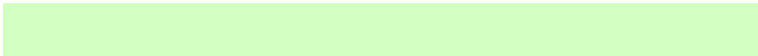
FF56B2

Sweetspot

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



58CE29



D3FFC2



CE9D29



65805B



000000



808080

Same Dimension

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



58CE29



50FF0A



29CE4A



5F665C



2FA600



0B2600

Inverse Universe

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



9F29CE



B90AFF



CE29AD



635C66



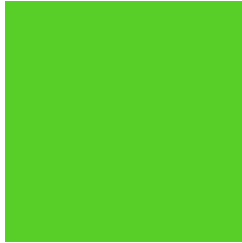
7700A6



1B0026

Previews

White Background



This preview shows how the Hex color 58CE29 looks on a white background.

Color Contrast Check

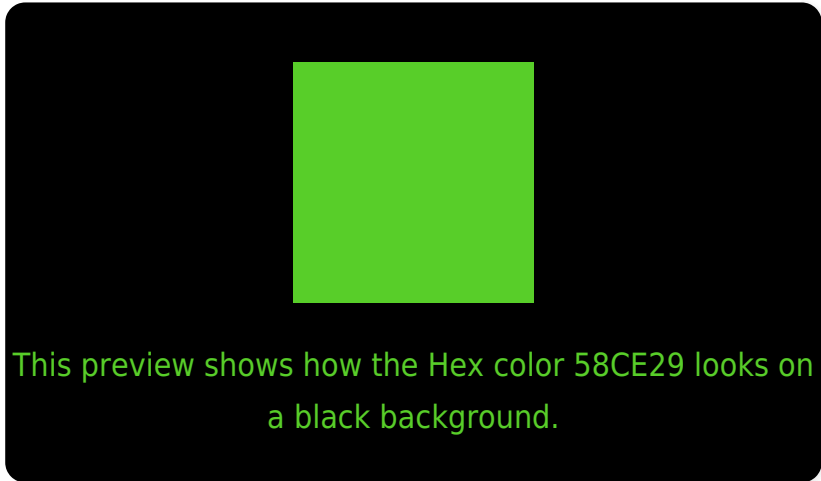
Large Text (above 18pt) WCAG AA × Fail

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 58CE29 Background



This preview shows how black text looks on a background with the Hex color 58CE29.

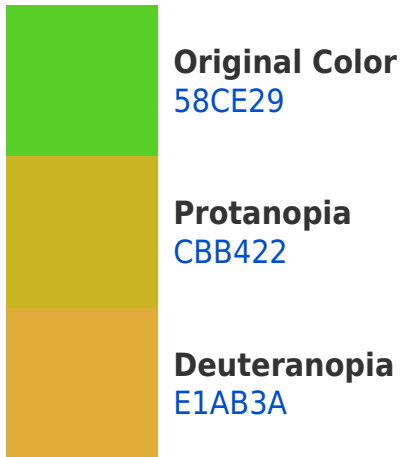


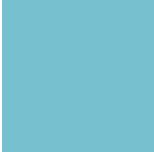
This preview shows how white text looks on a background with the Hex color 58CE29.

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
77C0CF

Trichromacy



Original Color
58CE29



Protanomaly
A1BD25



Deuteranomaly
AFB834



Tritanomaly
6CC593

Monochromacy



Original Color
58CE29



Achromatopsia
989898



Achromatomaly
81AC70

CSS Examples

Text

The CSS property to change the color of the text to Hex 58CE29 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 #58CE29 looks like.

```
.text, #text, p{  
    color:#58CE29  
}
```

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 #58CE29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58CE29
}
```

Border

The CSS property to change the border of an element to Hex 58CE29 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
#58CE29 }
```

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

```
.border{ border-color:#58CE29 }
```

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

Here you see how a box with a 4 pixel #58CE29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58CE29; -webkit-box-shadow:4px 4px  
4px 4px #58CE29; box-shadow:4px 4px 4px  
4px #58CE29 }
```

Background

The CSS property to change the background color of an element to Hex 58CE29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58CE29 }
```

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

```
.background{ background-color:#58CE29 }
```

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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