

Converting Colors

Hex(59C52E)

Have a look what the booklet for
Hex(59C52E) contains.

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Color

Hex(59C52E)

Conversions

Conversions Part 1

Format	Color
Hex	59C52E
RGB	89, 197, 46
RGB Percent	35%, 77%, 18%
CMY	0.6510, 0.2275, 0.8196
CMYK	0.55, 0.00, 0.77, 0.23
HSL	103°, 62%, 48%
HSV	103°, 77%, 77%
XYZ	24.5792, 42.2536, 9.4451
YIQ	147.4940, -15.8970, -69.8570

Conversions

Conversions Part 2

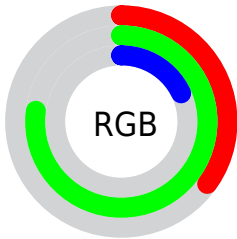
Format	Color
RYB	46, 197, 154
Decimal	5883182
CIELab	71.05, -56.64, 61.54
CIELCh	71, 83.643, 132.626
Yxy	42.2536, 0.3222, 0.5539
Android (android.graphics.Color)	4284073262 (0xFF59C52E)
YUV	147.4940, -50.0365, -51.2992
Hunter-Lab	65.0028, -46.2594, 36.8870

Details

The Hex color **59C52E** 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 **9A2EC5**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **95FF67**, and **058E00** is the 20% darker color. If you saturate the color by 10%, you get **4BC51A**, and if you desaturate by 10%, it is **67C542**.

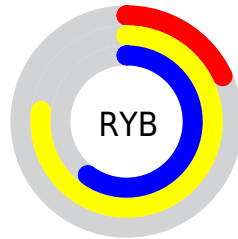
Distribution



Red (35%)

Green (77%)

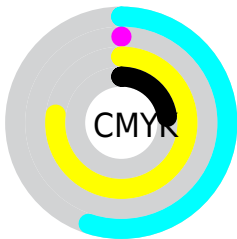
Blue (18%)



Red (18%)

Yellow (77%)

Blue (60%)

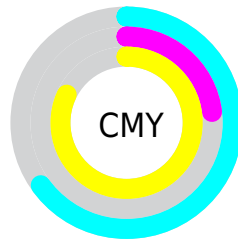


Cyan (55%)

Magenta (0%)

Yellow (77%)

Black (23%)



Cyan (65%)

Magenta (23%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C52E 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 59C52E by changing the saturation by 10% instead.

 59C52E

 59C52E

FFFFFF

 38A904

 95FF67

 058E00

 B2FF83

 007400

 D0FF9E

 005A00

 EEFFBB

 004100

 FFFFD8

 002B00

 FFFFF5

 000700

 000000

 59C52E

 59C52E

 4BC51A

 67C542

 3DC507

 75C555

 38C500

 83C569

 91C57D

 9FC591

 AEC5A4

 BCC5B8

 CAC5CC

 D8C5DF

Harmonies

Analogous

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



B3B500



59C52E



00CD7D

Triad

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



59C52E



00C3FF



FF5A91

Complementary

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



59C52E



9A2EC5

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.



FF65DD



59C52E



15ACFF

Square

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



59C52E



00CEFF



D98AFF



FF7749

Rectangle

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



59C52E



00D0B3



D98AFF



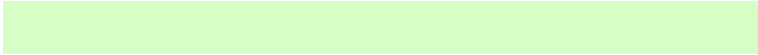
FF59AB

Sweetspot

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



59C52E



D5FFC4



C5982E



66805C



000000



808080

Same Dimension

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



59C52E



57FF14



2EC54C



5C635A



2EA300



0A2400

Inverse Universe

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



9A2EC5



BC14FF



C52EA7



615A63



7500A3



1A0024

Previews

White Background



This preview shows how the Hex color 59C52E looks on a white background.

Color Contrast Check

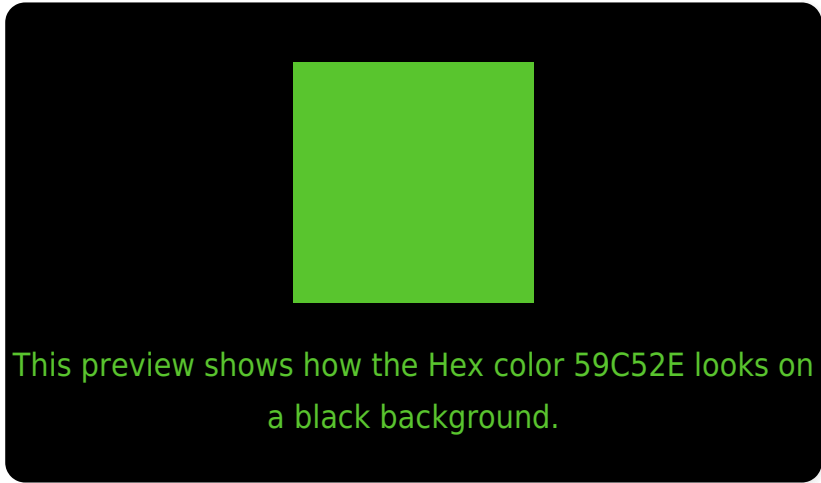
Large Text (above 18pt) WCAG AA × Fail

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 59C52E Background



This preview shows how black text looks on a background with the Hex color 59C52E.

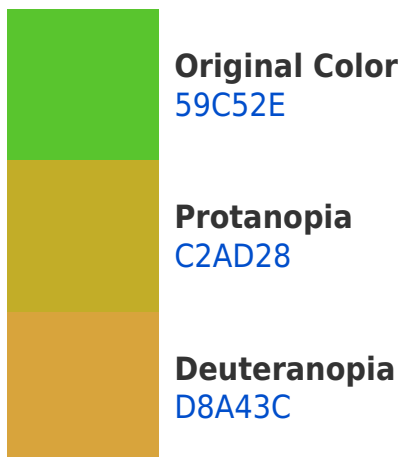


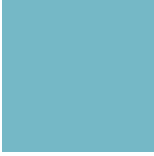
This preview shows how white text looks on a background with the Hex color 59C52E.

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](#).

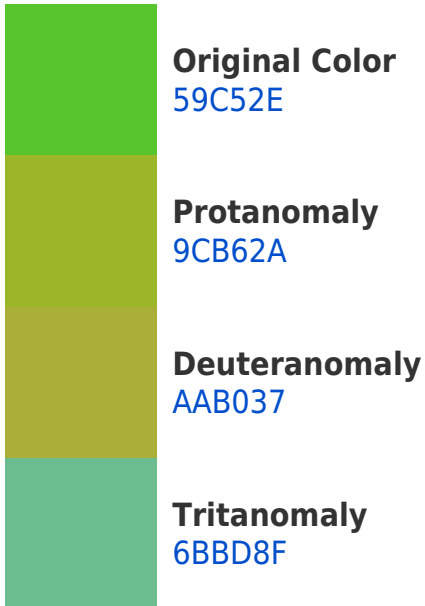
Dichromacy



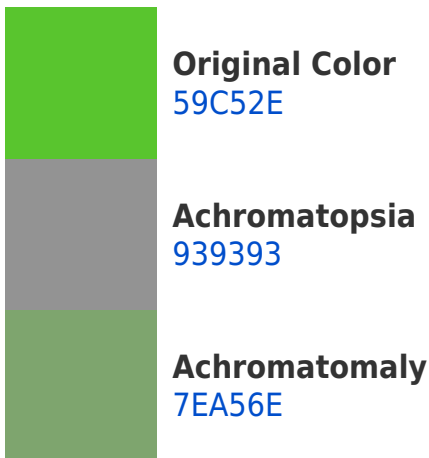


Tritanopia
75B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59C52E 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 #59C52E looks like.

```
.text, #text, p{  
    color:#59C52E  
}
```

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 #59C52E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C52E
}
```

Border

The CSS property to change the border of an element to Hex 59C52E 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
#59C52E }
```

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

```
.border{ border-color:#59C52E }
```

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

Here you see how a box with a 4 pixel #59C52E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C52E; -webkit-box-shadow:4px 4px  
4px 4px #59C52E; box-shadow:4px 4px 4px  
4px #59C52E }
```

Background

The CSS property to change the background color of an element to Hex 59C52E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C52E }
```

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

```
.background{ background-color:#59C52E }
```

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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