

Converting Colors

Hex(59C52D)

Have a look what the booklet for
Hex(59C52D) contains.

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Color

Hex(59C52D)

Conversions

Conversions Part 1

Format	Color
Hex	59C52D
RGB	89, 197, 45
RGB Percent	35%, 77%, 18%
CMY	0.6510, 0.2275, 0.8235
CMYK	0.55, 0.00, 0.77, 0.23
HSL	103°, 63%, 47%
HSV	103°, 77%, 77%
XYZ	24.5597, 42.2458, 9.3425
YIQ	147.3800, -15.5760, -70.1680

Conversions

Conversions Part 2

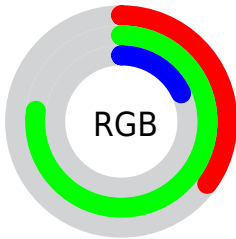
Format	Color
RYB	45, 197, 153
Decimal	5883181
CIELab	71.04, -56.71, 61.86
CIElCh	71, 83.915, 132.512
Yxy	42.2458, 0.3225, 0.5548
Android (android.graphics.Color)	4284073261 (0xFF59C52D)
YUV	147.3800, -50.4733, -51.1993
Hunter-Lab	64.9968, -46.2962, 36.9756

Details

The Hex color **59C52D** 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 **992DC5**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **95FF66**, and **058E00** is the 20% darker color. If you saturate the color by 10%, you get **4BC519**, and if you desaturate by 10%, it is **67C541**.

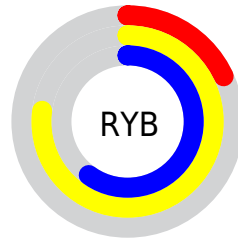
Distribution



Red (35%)

Green (77%)

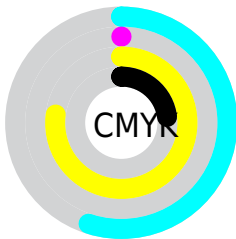
Blue (18%)



Red (18%)

Yellow (77%)

Blue (60%)

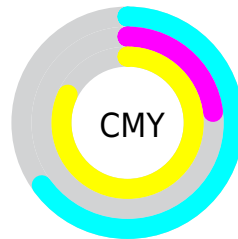


Cyan (55%)

Magenta (0%)

Yellow (77%)

Black (23%)



Cyan (65%)

Magenta (23%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C52D 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 59C52D by changing the saturation by 10% instead.

 59C52D

 59C52D

FFFFFF

 38A902

 95FF66

 058E00

 B2FF82

 007400

 D0FF9E

 005A00

 EEFFBA

 004100

 FFFFD7

 002B00

 FFFFF4

 000700

 000000

 59C52D

 59C52D

 4BC519

 67C541

 3DC506

 75C554

 39C500

 83C568

 91C57C

 9FC590

 ADC5A3

 BBC5B7

 C9C5CB

 D7C5DE

Harmonies

Analogous

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



B3B400



59C52D



00CE7D

Triad

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



59C52D



00C3FF



FF5A91

Complementary

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



59C52D



992DC5

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.



FF64DE



59C52D



0AACFF

Square

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



59C52D



00CEFF



D88AFF



FF7649

Rectangle

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



59C52D



00D0B2



D88AFF



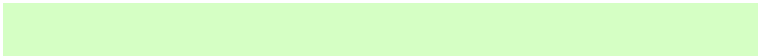
FF58AB

Sweetspot

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



59C52D



D5FFC4



C5972D



66805C



000000



808080

Same Dimension

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



59C52D



56FF12



2DC54B



5C635A



2FA300



0A2400

Inverse Universe

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



992DC5



BA12FF



C52DA7



615A63



7400A3



190024

Previews

White Background



This preview shows how the Hex color 59C52D looks on a white background.

Color Contrast Check

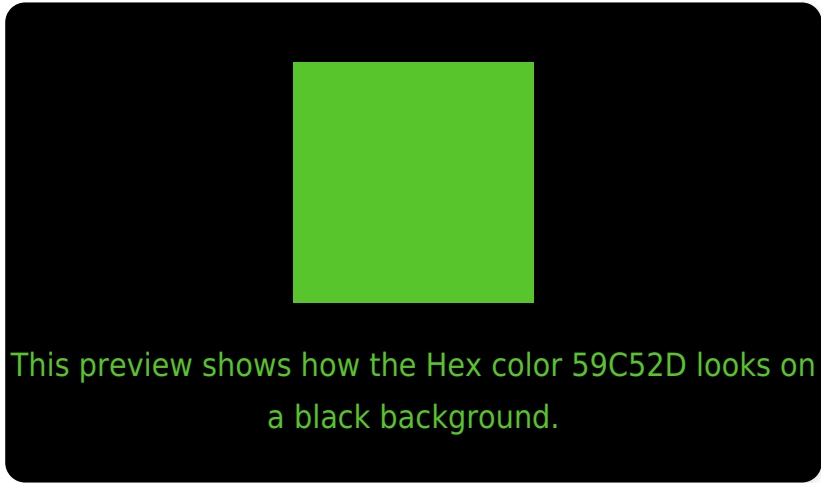
Large Text (above 18pt) WCAG AA × Fail

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 59C52D Background



This preview shows how black text looks on a background with the Hex color 59C52D.



This preview shows how white text looks on a background with the Hex color 59C52D.

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](#).

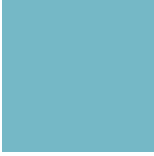
Dichromacy



Original Color
59C52D

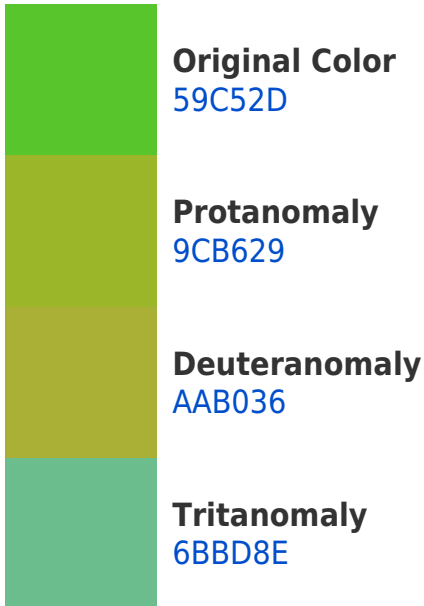
Protanopia
C2AD27

Deuteranopia
D8A43B

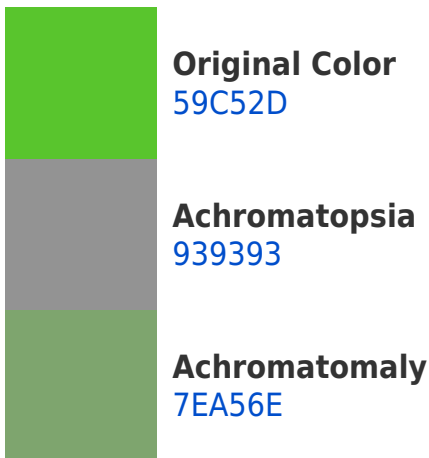


Tritanopia
75B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59C52D 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 #59C52D looks like.

```
.text, #text, p{  
    color:#59C52D  
}
```

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 #59C52D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C52D
}
```

Border

The CSS property to change the border of an element to Hex 59C52D 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
#59C52D }
```

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

```
.border{ border-color:#59C52D }
```

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

Here you see how a box with a 4 pixel #59C52D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C52D; -webkit-box-shadow:4px 4px  
4px 4px #59C52D; box-shadow:4px 4px 4px  
4px #59C52D }
```

Background

The CSS property to change the background color of an element to Hex 59C52D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C52D }
```

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

```
.background{ background-color:#59C52D }
```

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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