

# Converting Colors

Hex(58BC41)

Have a look what the booklet for  
Hex(58BC41) contains.

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**Color**

**Hex(58BC41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58BC41
RGB	88, 188, 65
RGB Percent	35%, 74%, 25%
CMY	0.6549, 0.2627, 0.7451
CMYK	0.53, 0.00, 0.65, 0.26
HSL	109°, 49%, 50%
HSV	109°, 65%, 74%
XYZ	22.9619, 38.4228, 11.2072
YIQ	144.0780, -20.1170, -59.4530

# Conversions

## Conversions Part 2

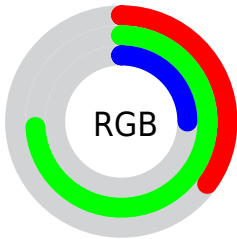
Format	Color
<b>RYB</b>	65, 188, 165
Decimal	5815361
CIELab	68.33, -52.09, 51.67
CIELCh	68, 73.370, 135.233
Yxy	38.4228, 0.3163, 0.5293
Android (android.graphics.Color)	4284005441 (0xFF58BC41)
YUV	144.0780, -38.9855, -49.1804
Hunter-Lab	61.9861, -42.3530, 32.6706

# Details

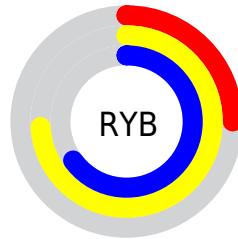
The Hex color **58BC41** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A541BC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **92F576**, and **108600** is the 20% darker color. If you saturate the color by 10%, you get **49BC2E**, and if you desaturate by 10%, it is **67BC54**.

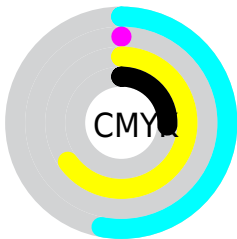
# Distribution



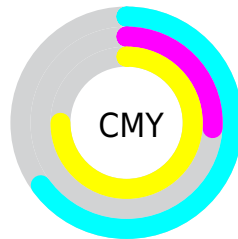
- Red (35%)
- Green (74%)
- Blue (25%)



- Red (25%)
- Yellow (74%)
- Blue (65%)



- Cyan (53%)
- Magenta (0%)
- Yellow (65%)
- Black (26%)



- Cyan (65%)
- Magenta (26%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58BC41 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 58BC41 by changing the saturation by 10% instead.



 58BC41

 58BC41

FFFFFF

 39A025

 92F576

 108600

 AFFF91

 006C00

 CCFFAD

 005200

 EAFFC9

 003A00

 FFFFE6

 002400

 000000

 58BC41

 58BC41

 49BC2E

 67BC54

 39BC1B

 77BC67

 2ABC09

 86BC79

 23BC00

 95BC8C

 A4BC9F

 B4BCB2

 C3BCC5

 D2BCD7

 E2BCEA

# Harmonies

## Analogous

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



A7AE00



58BC41



00C382

# Triad

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



58BC41



00B7FF



FF6488

# Complementary

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



58BC41



A541BC

# 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.



FF69CA



58BC41



5BA3FF

# Square

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



58BC41



00C2FF



D485FF



FF7B4A

# Rectangle

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



58BC41



00C5B1



D485FF



FF629E

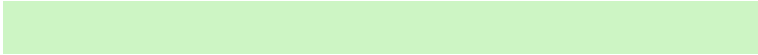


# Sweetspot

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



58BC41



CDF5C4



BCA341



637A5D



FAFAFA



7A7A7A



# Same Dimension

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



58BC41



58F533



41BC66



575E55



1E9E00



061F00



# Inverse Universe

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



A541BC



D133F5



BC4197



5D555E



81009E



19001F



# Previews

## White Background



This preview shows how the Hex color 58BC41 looks on a white background.

## Color Contrast Check

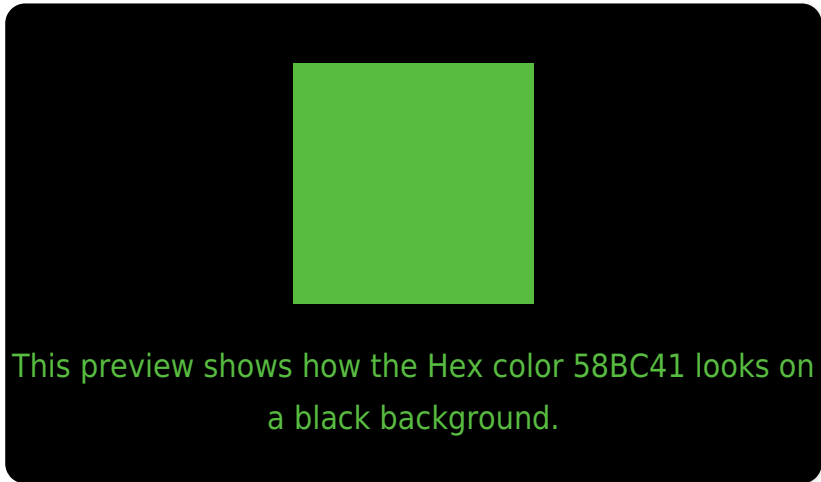
Large Text (above 18pt) WCAG AA × Fail

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

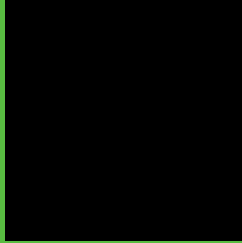
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58BC41 Background



This preview shows how black text looks on a background with the Hex color 58BC41.

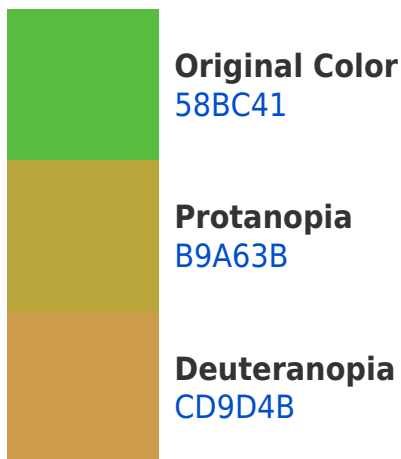


This preview shows how white text looks on a background with the Hex color 58BC41.

# 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**  
71B0BE

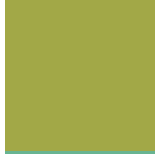
# Trichromacy



**Original Color**  
58BC41



**Protanomaly**  
96AE3D



**Deuteranomaly**  
A2A847



**Tritanomaly**  
68B491

# Monochromacy



**Original Color**  
58BC41



**Achromatopsia**  
909090



**Achromatomaly**  
7CA073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58BC41 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 #58BC41 looks like.

```
.text, #text, p{  
    color:#58BC41  
}
```

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 #58BC41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58BC41
}
```

## Border

The CSS property to change the border of an element to Hex 58BC41 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
#58BC41 }
```

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

```
.border{ border-color:#58BC41 }
```

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

Here you see how a box with a 4 pixel #58BC41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58BC41; -webkit-box-shadow:4px 4px  
4px 4px #58BC41; box-shadow:4px 4px 4px  
4px #58BC41 }
```

# Background

The CSS property to change the background color of an element to Hex 58BC41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58BC41 }
```

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

```
.background{ background-color:#58BC41 }
```

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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