

Converting Colors

Hex(58D030)

Have a look what the booklet for
Hex(58D030) contains.

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Color

Hex(58D030)

Conversions

Conversions Part 1

Format	Color
Hex	58D030
RGB	88, 208, 48
RGB Percent	35%, 82%, 19%
CMY	0.6549, 0.1843, 0.8118
CMYK	0.58, 0.00, 0.77, 0.18
HSL	105°, 63%, 50%
HSV	105°, 77%, 82%
XYZ	27.1139, 47.3999, 10.5163
YIQ	153.8800, -20.1600, -75.2000

Conversions

Conversions Part 2

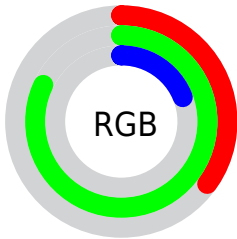
Format	Color
RYB	48, 208, 168
Decimal	5820464
CIELab	74.44, -60.70, 64.18
CIELCh	74, 88.338, 133.407
Yxy	47.3999, 0.3189, 0.5574
Android (android.graphics.Color)	4284010544 (0xFF58D030)
YUV	153.8800, -52.1988, -57.7768
Hunter-Lab	68.8476, -50.1855, 39.1368

Details

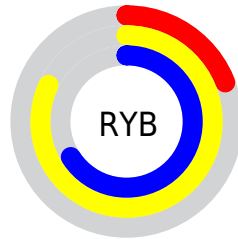
The Hex color **58D030** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **A830D0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **95FF6A**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **48D01B**, and if you desaturate by 10%, it is **68D045**.

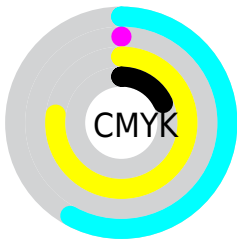
Distribution



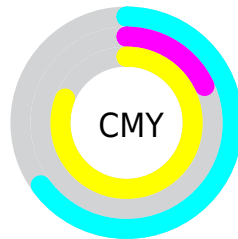
- Red (35%)
- Green (82%)
- Blue (19%)



- Red (19%)
- Yellow (82%)
- Blue (66%)



- Cyan (58%)
- Magenta (0%)
- Yellow (77%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58D030 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 58D030 by changing the saturation by 10% instead.

 58D030

 58D030

FFFFFF

 35B405

 95FF6A

 009800

 B3FF86

 007E00

 D2FFA2

 006300

 F0FFBE

 004A00

 FFFFDB

 003300

 FFFFF9

 001800

 000000

 58D030

 58D030

 48D01B

 68D045

 39D006

 77D05A

 34D000

 87D06E

 96D083

 A6D098

 B6D0AD

 C5D0C2

 D5D0D6

 E4D0EB

Harmonies

Analogous

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



BABF00



58D030



00D986

Triad

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



58D030



00CDFE



FF5D96

Complementary

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



58D030



A830D0

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.



FF67E8



58D030



1FB5FF

Square

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



58D030



00D9FF



E78FFF



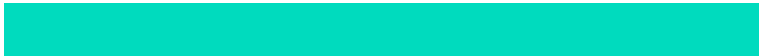
FF7D49

Rectangle

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



58D030



00DBBE



E78FFF



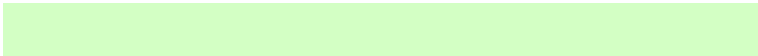
FF5BB1

Sweetspot

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



58D030



D3FFC4



D0A830



65805C



000000



808080

Same Dimension

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



58D030



4FFF14



30D058



61695E



2AA800



0A2900

Inverse Universe

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



A830D0



C414FF



D030A8



665E69



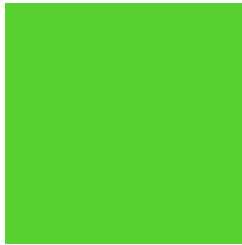
7E00A8



1F0029

Previews

White Background



This preview shows how the Hex color 58D030 looks on a white background.

Color Contrast Check

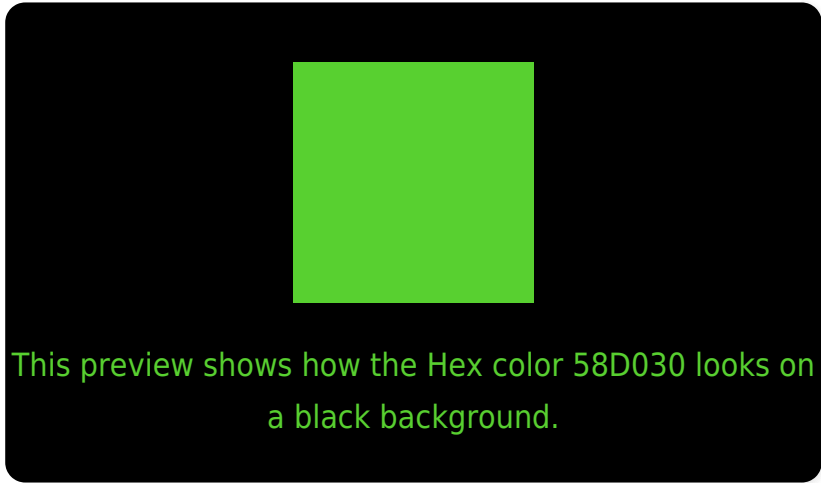
Large Text (above 18pt) WCAG AA × Fail

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

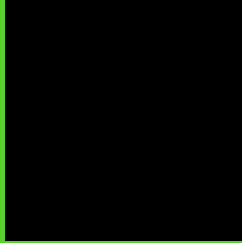
Any Text WCAG AA ✓ Pass

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 58D030 Background



This preview shows how black text looks on a background with the Hex color 58D030.

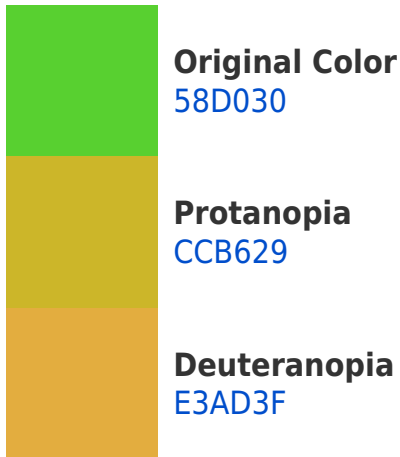


This preview shows how white text looks on a background with the Hex color 58D030.

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
77C2D1

Trichromacy



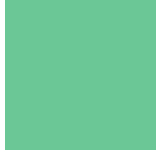
Original Color
58D030



Protanomaly
A2BF2C



Deuteranomaly
B0BA3A



Tritanomaly
6CC796

Monochromacy



Original Color
58D030



Achromatopsia
9A9A9A



Achromatomaly
82AE73

CSS Examples

Text

The CSS property to change the color of the text to Hex 58D030 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 #58D030 looks like.

```
.text, #text, p{  
    color:#58D030  
}
```

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 #58D030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58D030
}
```

Border

The CSS property to change the border of an element to Hex 58D030 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
#58D030 }
```

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

```
.border{ border-color:#58D030 }
```

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

Here you see how a box with a 4 pixel #58D030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58D030; -webkit-box-shadow:4px 4px  
4px 4px #58D030; box-shadow:4px 4px 4px  
4px #58D030 }
```

Background

The CSS property to change the background color of an element to Hex 58D030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58D030 }
```

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

```
.background{ background-color:#58D030 }
```

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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