

Converting Colors

Hex(58D200)

Have a look what the booklet for
Hex(58D200) contains.

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Color

Hex(58D200)

Conversions

Conversions Part 1

Format	Color
Hex	58D200
RGB	88, 210, 0
RGB Percent	35%, 82%, 0%
CMY	0.6549, 0.1765, 1.0000
CMYK	0.58, 0.00, 1.00, 0.18
HSL	95°, 100%, 41%
HSV	95°, 100%, 82%
XYZ	27.0711, 48.1679, 7.8705
YIQ	149.5820, -5.3020, -91.1740

Conversions

Conversions Part 2

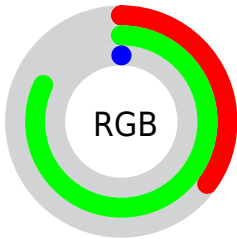
Format	Color
RYB	0, 210, 122
Decimal	5820928
CIELab	74.93, -62.97, 73.46
CIELCh	75, 96.759, 130.602
Yxy	48.1679, 0.3257, 0.5796
Android (android.graphics.Color)	4284011008 (0xFF58D200)
YUV	149.5820, -73.7439, -54.0074
Hunter-Lab	69.4031, -51.8304, 41.8585

Details

The Hex color **58D200** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **7A00D2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **97FF53**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **58D200**, and if you desaturate by 10%, it is **64D215**.

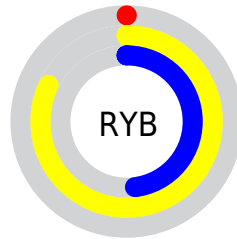
Distribution



Red (35%)

Green (82%)

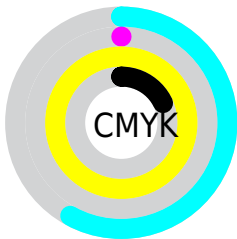
Blue (0%)



Red (0%)

Yellow (82%)

Blue (48%)

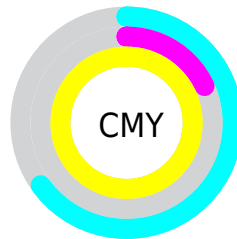


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58D200 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 58D200 by changing the saturation by 10% instead.

 58D200

 58D200

FFFFFF

 34B600

 97FF53

 009A00

 B5FF71

 007F00

 D4FF8D

 006500

 F2FFAA

 004C00

 FFFFC7

 003500

 FFFF E5

 001A00

 000000

 58D200

 64D215

 70D22A

 7DD23F

 89D254

 95D269

 A1D27E

 ADD293

 BAD2A8

 C6D2BD

Harmonies

Analogous

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



C1BF00



58D200



00DC79

Triad

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



58D200



00D2FF



FF499D

Complementary

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



58D200



7A00D2

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.



FF5DF6



58D200



00B9FF

Square

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



58D200



00DDFF



E190FF



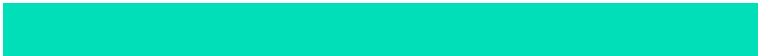
FF7147

Rectangle

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



58D200



00DFB8



E190FF



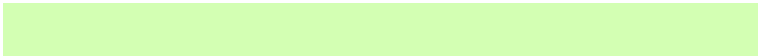
FF48BB

Sweetspot

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



58D200



D3FFB3



D27700



658052



000000



808080

Same Dimension

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



58D200



6BFF00



00D20E



62695E



47A800



112900

Inverse Universe

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



7A00D2



9400FF



D200C4



645E69



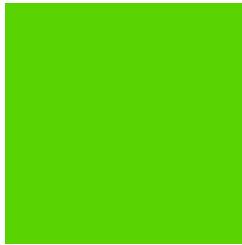
6200A8



180029

Previews

White Background



This preview shows how the Hex color 58D200 looks on a white background.

Color Contrast Check

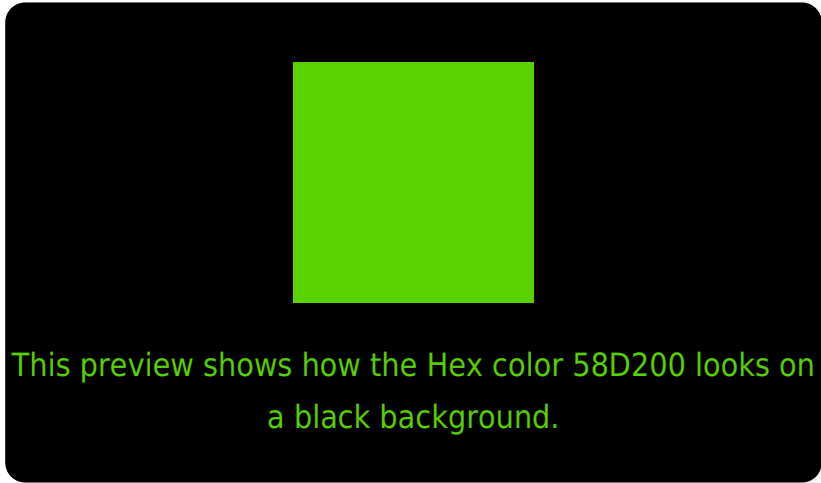
Large Text (above 18pt) WCAG AA × Fail

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 58D200 Background



This preview shows how black text looks on a background with the Hex color 58D200.

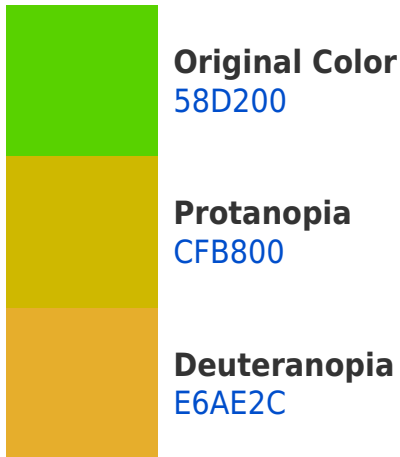


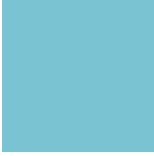
This preview shows how white text looks on a background with the Hex color 58D200.

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
79C3D3

Trichromacy



Original Color
58D200



Protanomaly
A4C100



Deuteranomaly
B2BB1C



Tritanomaly
6DC886

Monochromacy



Original Color
58D200



Achromatopsia
969696



Achromatomaly
7FAC5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 58D200 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 #58D200 looks like.

```
.text, #text, p{  
    color:#58D200  
}
```

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 #58D200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58D200
}
```

Border

The CSS property to change the border of an element to Hex 58D200 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
#58D200 }
```

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

```
.border{ border-color:#58D200 }
```

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

Here you see how a box with a 4 pixel #58D200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58D200; -webkit-box-shadow:4px 4px  
4px 4px #58D200; box-shadow:4px 4px 4px  
4px #58D200 }
```

Background

The CSS property to change the background color of an element to Hex 58D200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58D200 }
```

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

```
.background{ background-color:#58D200 }
```

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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