

Converting Colors

Hex(58DD06)

Have a look what the booklet for
Hex(58DD06) contains.

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Color

Hex(58DD06)

Conversions

Conversions Part 1

Format	Color
Hex	58DD06
RGB	88, 221, 6
RGB Percent	35%, 87%, 2%
CMY	0.6549, 0.1333, 0.9765
CMYK	0.60, 0.00, 0.97, 0.13
HSL	97°, 95%, 45%
HSV	97°, 97%, 87%
XYZ	29.9138, 53.8008, 8.9803
YIQ	156.7230, -10.2530, -95.0610

Conversions

Conversions Part 2

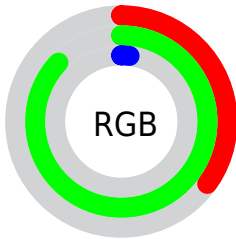
Format	Color
RYB	6, 221, 139
Decimal	5823750
CIELab	78.35, -66.56, 75.61
CIELCh	78, 100.727, 131.357
Yxy	53.8008, 0.3227, 0.5804
Android (android.graphics.Color)	4284013830 (0xFF58DD06)
YUV	156.7230, -74.3064, -60.2701
Hunter-Lab	73.3490, -55.5633, 44.0853

Details

The Hex color **58DD06** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8B06DD**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **98FF57**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **54DD00**, and if you desaturate by 10%, it is **66DD1C**.

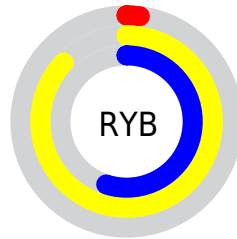
Distribution



Red (35%)

Green (87%)

Blue (2%)



Red (2%)

Yellow (87%)

Blue (55%)

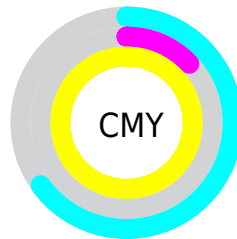


Cyan (60%)

Magenta (0%)

Yellow (97%)

Black (13%)



Cyan (65%)

Magenta (13%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58DD06 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 58DD06 by changing the saturation by 10% instead.

 58DD06

 58DD06

FFFFFF

 32C000

 98FF57

 00A500

 B7FF75

 008900

 D6FF92

 006F00

 F5FFAF

 005500

 FFFFCC

 003C00

 FFFFEA

 002400

 000000

 58DD06

 58DD06

 54DD00

 66DD1C

 73DD32

 81DD48

 8FDD5E

 9CDD75

 AADD8B

 B8DDA1

 C5DDB7

 D3DDCD

Harmonies

Analogous

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



C9C900



58DD06



00E782

Triad

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



58DD06



00DDFF



FF4DA3

Complementary

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



58DD06



8B06DD

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.



FF61FF



58DD06



00C2FF

Square

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



58DD06



00E8FF



EF96FF



FF7848

Rectangle

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



58DD06



00EAC4



EF96FF



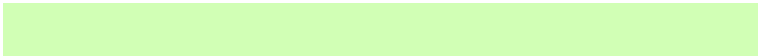
FF4BC2

Sweetspot

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



58DD06



D1FFB5



DD8B06



648053



000000



808080

Same Dimension

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



58DD06



61FF00



06DD1F



676E63



42AD00



122E00

Inverse Universe

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



8B06DD



9E00FF



DD06C4



69636E



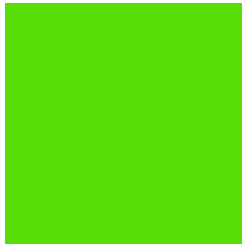
6B00AD



1C002E

Previews

White Background



This preview shows how the Hex color 58DD06 looks on a white background.

Color Contrast Check

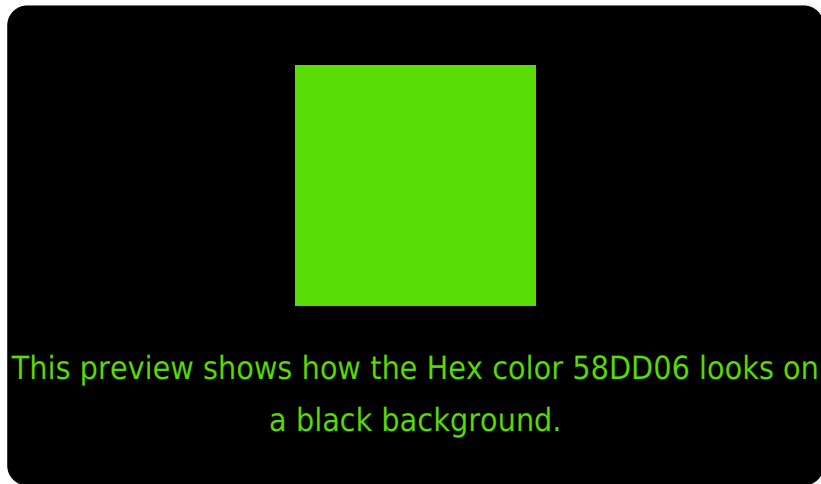
Large Text (above 18pt) WCAG AA × Fail

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

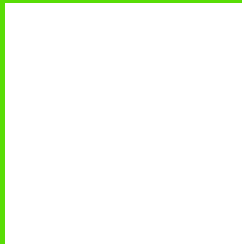
Any Text WCAG AAA ✓ Pass

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

Hex 58DD06 Background



This preview shows how black text looks on a background with the Hex color 58DD06.

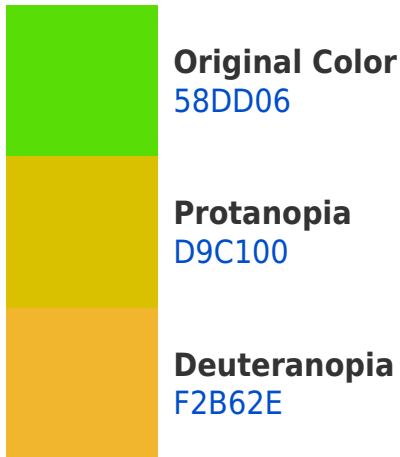


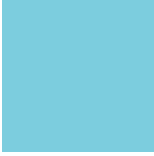
This preview shows how white text looks on a background with the Hex color 58DD06.

Color Blindness Simulation

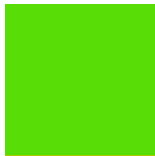
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
58DD06



Protanomaly
AACB02



Deuteranomaly
BAC41F



Tritanomaly
6FD38F

Monochromacy



Original Color
58DD06



Achromatopsia
9D9D9D



Achromatomaly
84B466

CSS Examples

Text

The CSS property to change the color of the text to Hex 58DD06 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 #58DD06 looks like.

```
.text, #text, p{  
    color:#58DD06  
}
```

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 #58DD06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58DD06
}
```

Border

The CSS property to change the border of an element to Hex 58DD06 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
#58DD06 }
```

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

```
.border{ border-color:#58DD06 }
```

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

Here you see how a box with a 4 pixel #58DD06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58DD06; -webkit-box-shadow:4px 4px  
4px 4px #58DD06; box-shadow:4px 4px 4px  
4px #58DD06 }
```

Background

The CSS property to change the background color of an element to Hex 58DD06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58DD06 }
```

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

```
.background{ background-color:#58DD06 }
```

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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