

Converting Colors

Hex(5DC00B)

Have a look what the booklet for
Hex(5DC00B) contains.

Hex(5DC00B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DC00B)

Conversions

Conversions Part 1

Format	Color
Hex	5DC00B
RGB	93, 192, 11
RGB Percent	36%, 75%, 4%
CMY	0.6353, 0.2471, 0.9569
CMYK	0.52, 0.00, 0.94, 0.25
HSL	93°, 89%, 40%
HSV	93°, 94%, 75%
XYZ	23.4242, 40.0506, 6.8126
YIQ	141.7650, -0.9030, -77.2790

Conversions

Conversions Part 2

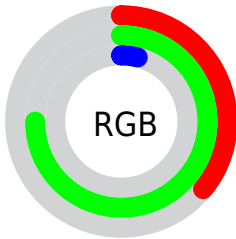
Format	Color
RYB	11, 192, 110
Decimal	6144011
CIELab	69.51, -55.08, 68.02
CIELCh	70, 87.526, 128.996
Yxy	40.0506, 0.3333, 0.5698
Android (android.graphics.Color)	4284334091 (0xFF5DC00B)
YUV	141.7650, -64.4671, -42.7669
Hunter-Lab	63.2855, -44.6804, 37.9174

Details

The Hex color **5DC00B** 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 **6E0BC0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **99F953**, and **138900** is the 20% darker color. If you saturate the color by 10%, you get **57C000**, and if you desaturate by 10%, it is **68C01E**.

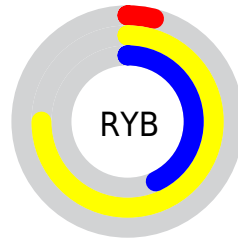
Distribution



Red (36%)

Green (75%)

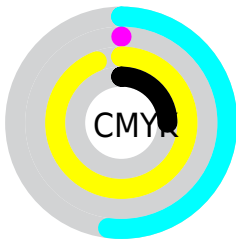
Blue (4%)



Red (4%)

Yellow (75%)

Blue (43%)

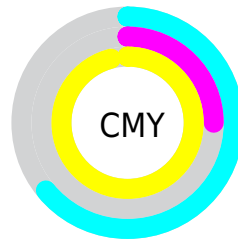


Cyan (52%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (64%)

Magenta (25%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC00B 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 5DC00B by changing the saturation by 10% instead.

 5DC00B

 5DC00B


FFFFFF

 3DA400

 99F953

 138900

 B6FF6F

 006F00

 D4FF8B

 005600

 F2FFA8

 003D00

 FFFFC5

 002700

 FFFFE2

 000000

 5DC00B

 5DC00B

 57C000

 68C01E

 72C031

 7DC045

 87C058

 92C06B

 9CC07E

 A7C091

 B1C0A5

 BCC0B8

Harmonies

Analogous

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



B6AE00



5DC00B



00C96D

Triad

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



5DC00B



00C2FF



FF4B95

Complementary

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



5DC00B



6E0BC0

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.



FF5EE4



5DC00B



00ACFF

Square

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



5DC00B



00CBFF



C888FF



FF6949

Rectangle

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



5DC00B



00CCA5



C888FF



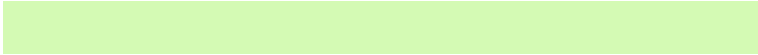
FF4BB0

Sweetspot

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



5DC00B



D4FAB4



C06C0B



667D52



FCFCFC



7D7D7D

Same Dimension

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



5DC00B



71FA00



0BC011



5C6157



49A100



0F2100

Inverse Universe

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



6E0BC0



8900FA



C00BBA



5D5761



5800A1



120021

Previews

White Background



This preview shows how the Hex color 5DC00B looks on a white background.

Color Contrast Check

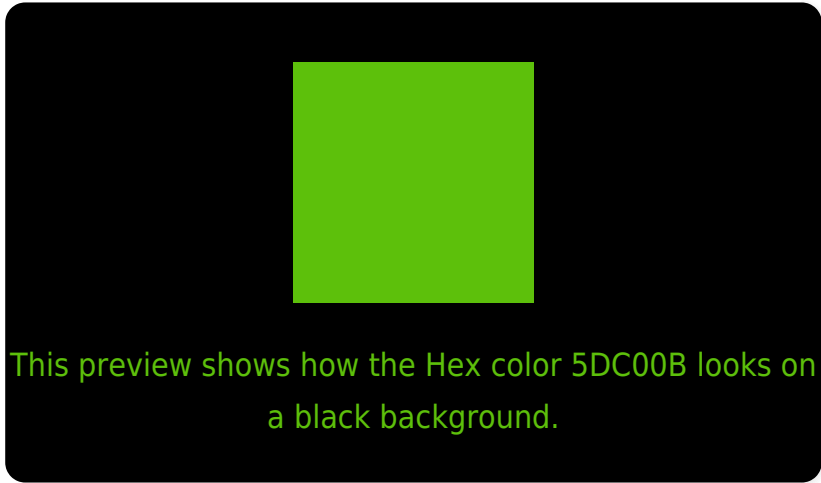
Large Text (above 18pt) WCAG AA × Fail

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 5DC00B Background



This preview shows how black text looks on a background with the Hex color 5DC00B.

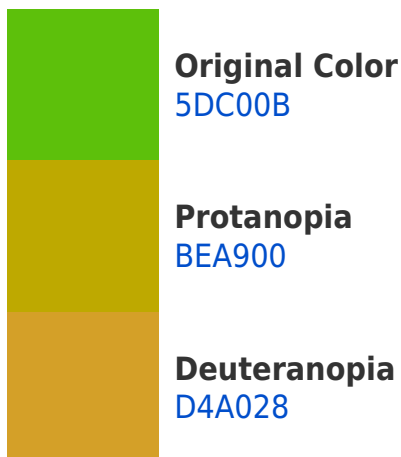


This preview shows how white text looks on a background with the Hex color 5DC00B.

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](#).

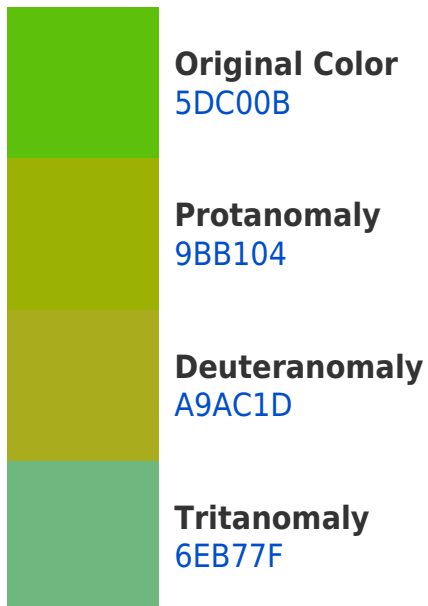
Dichromacy



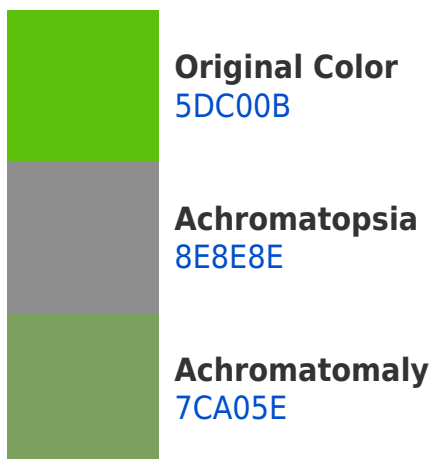


Tritanopia
77B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC00B 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 #5DC00B looks like.

```
.text, #text, p{  
    color:#5DC00B  
}
```

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 #5DC00B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC00B
}
```

Border

The CSS property to change the border of an element to Hex 5DC00B 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".

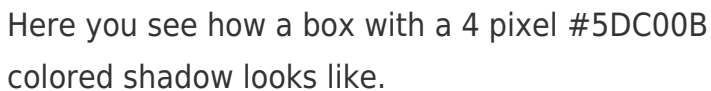
```
.border, #border, table{ border:4px solid
#5DC00B }
```

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

```
.border{ border-color:#5DC00B }
```

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

Here you see how a box with a 4 pixel #5DC00B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC00B; -webkit-box-shadow:4px 4px  
4px 4px #5DC00B; box-shadow:4px 4px 4px  
4px #5DC00B }
```

Background

The CSS property to change the background color of an element to Hex 5DC00B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC00B }
```

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

```
.background{ background-color:#5DC00B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor