

# Converting Colors

Hex(4DC00C)

Have a look what the booklet for  
Hex(4DC00C) contains.

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**Color**

**Hex(4DC00C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DC00C
RGB	77, 192, 12
RGB Percent	30%, 75%, 5%
CMY	0.6980, 0.2471, 0.9529
CMYK	0.60, 0.00, 0.94, 0.25
HSL	98°, 88%, 40%
HSV	98°, 94%, 75%
XYZ	21.9766, 39.3036, 6.7759
YIQ	137.0950, -10.7600, -80.3600

# Conversions

## Conversions Part 2

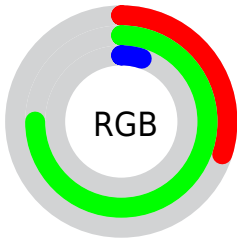
Format	Color
<a href="#">RYB</a>	<a href="#">12, 192, 127</a>
Decimal	<a href="#">5095436</a>
CIELab	<a href="#">68.97, -59.37, 67.25</a>
CIElCh	<a href="#">69, 89.701, 131.439</a>
Yxy	<a href="#">39.3036, 0.3229, 0.5775</a>
Android (android.graphics.Color)	<a href="#">4283285516 (0xFF4DC00C)</a>
YUV	<a href="#">137.0950, -61.6718, -52.7033</a>
Hunter-Lab	<a href="#">62.6926, -47.1398, 37.4767</a>

# Details

The Hex color **4DC00C** 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 **7F0CC0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8BF953**, and **008900** is the 20% darker color. If you saturate the color by 10%, you get **45C000**, and if you desaturate by 10%, it is **59C01F**.

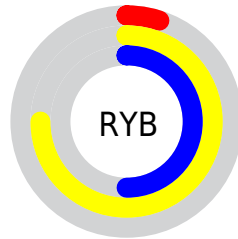
# Distribution



Red (30%)

Green (75%)

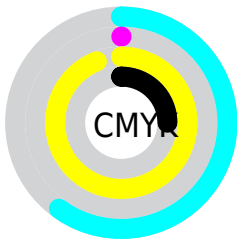
Blue (5%)



Red (5%)

Yellow (75%)

Blue (50%)

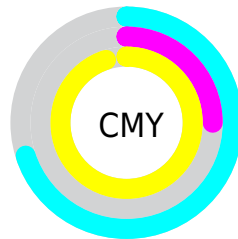


Cyan (60%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (70%)

Magenta (25%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DC00C 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 4DC00C by changing the saturation by 10% instead.





4DC00C



4DC00C

FFFFFF



28A400



8BF953



008900



A9FF6F



006F00



C7FF8B



005500



E5FFA8



003D00



FFFFC5



002500



FFFFE2



000000



4DC00C



4DC00C



45C000



59C01F

 66C032

 72C046

 7EC059

 8AC06C

 97C07F

 A3C092

 AFC0A6

 BBC0B9

# Harmonies

## Analogous

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



AEAFO0



4DC00C



00C971

# Triad

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



4DC00C



00BFFF



FF458D

# Complementary

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



4DC00C



7F0CC0

# 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.



FF55DE



4DC00C



00A8FF

# Square

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



4DC00C



00CAFF



D082FF



FF693F

# Rectangle

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



4DC00C



00CBAA



D082FF



FF43A8

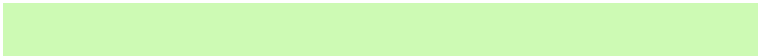


# Sweetspot

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



4DC00C



CDFAB4



C07E0C



627D52



FCFCFC



7D7D7D



# Same Dimension

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



4DC00C



5AFA00



0CC024



5B6157



3AA100



0C2100



# Inverse Universe

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



7F0CC0



A000FA



C00CA8



5D5761



6700A1

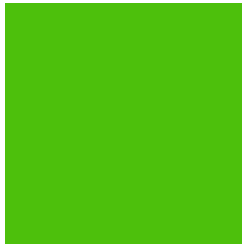


150021



# Previews

## White Background



This preview shows how the Hex color 4DC00C looks on a white background.

## Color Contrast Check

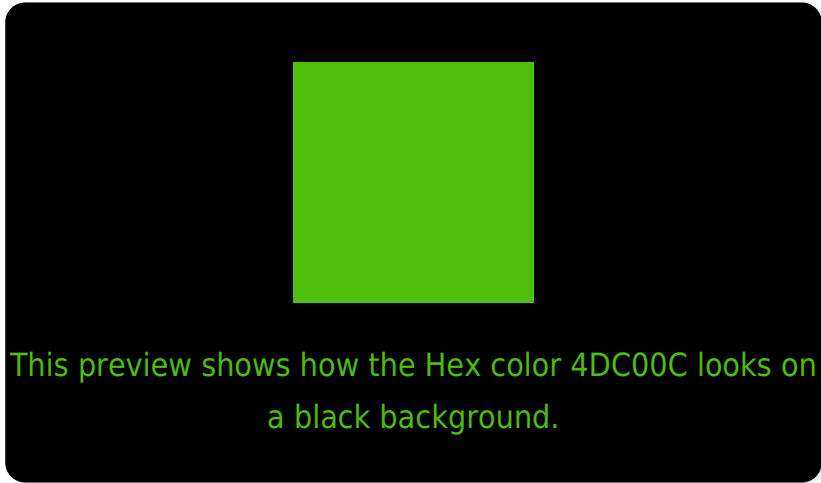
Large Text (above 18pt) WCAG AA × Fail

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 4DC00C Background



This preview shows how black text looks on a background with the Hex color 4DC00C.



This preview shows how white text looks on a background with the Hex color 4DC00C.

# 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](#).

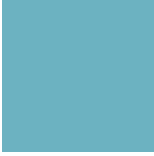
## Dichromacy



**Original Color**  
4DC00C

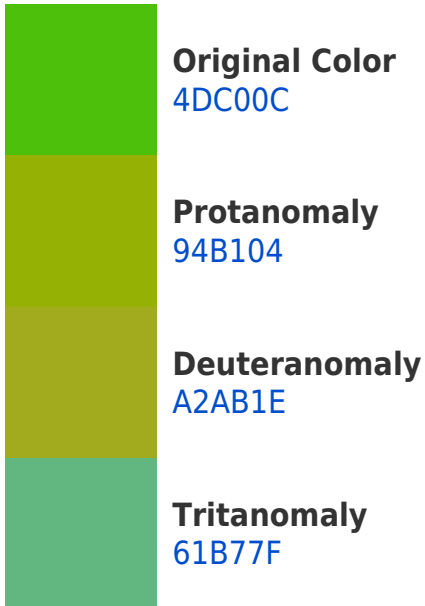
**Protanopia**  
BDA800

**Deuteranopia**  
D29F29

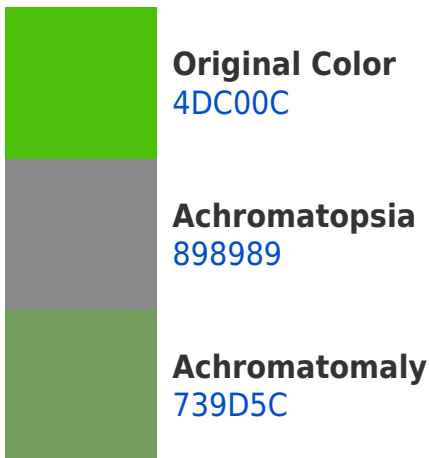


**Tritanopia**  
6CB2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DC00C 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 #4DC00C looks like.

```
.text, #text, p{  
    color:#4DC00C  
}
```

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 #4DC00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC00C
}
```

## Border

The CSS property to change the border of an element to Hex 4DC00C 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".

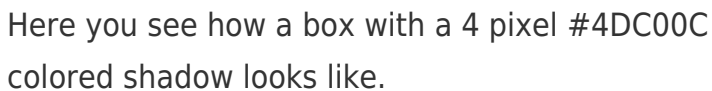
```
.border, #border, table{ border:4px solid
#4DC00C }
```

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

```
.border{ border-color:#4DC00C }
```

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

Here you see how a box with a 4 pixel #4DC00C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC00C; -webkit-box-shadow:4px 4px  
4px 4px #4DC00C; box-shadow:4px 4px 4px  
4px #4DC00C }
```

# Background

The CSS property to change the background color of an element to Hex 4DC00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC00C }
```

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

```
.background{ background-color:#4DC00C }
```

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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