

Converting Colors

Hex(4DC409)

Have a look what the booklet for
Hex(4DC409) contains.

Hex(4DC409)	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(4DC409)

Conversions

Conversions Part 1

Format	Color
Hex	4DC409
RGB	77, 196, 9
RGB Percent	30%, 77%, 4%
CMY	0.6980, 0.2314, 0.9647
CMYK	0.61, 0.00, 0.95, 0.23
HSL	98°, 91%, 40%
HSV	98°, 95%, 77%
XYZ	22.8498, 41.0774, 6.9829
YIQ	139.1010, -10.8970, -83.3850

Conversions

Conversions Part 2

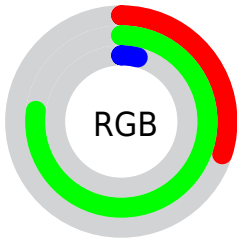
Format	Color
RYB	9, 196, 128
Decimal	5096457
CIELab	70.23, -60.78, 68.62
CIELCh	70, 91.668, 131.535
Yxy	41.0774, 0.3222, 0.5793
Android (android.graphics.Color)	4283286537 (0xFF4DC409)
YUV	139.1010, -64.1398, -54.4626
Hunter-Lab	64.0916, -48.5219, 38.4044

Details

The Hex color **4DC409** 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 **8009C4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8CFE53**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **47C400**, and if you desaturate by 10%, it is **59C41D**.

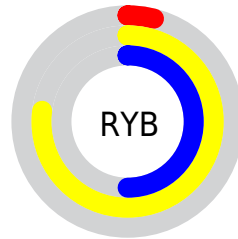
Distribution



Red (30%)

Green (77%)

Blue (4%)



Red (4%)

Yellow (77%)

Blue (50%)

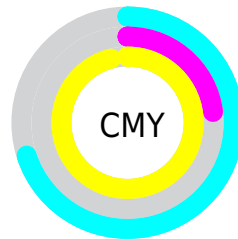


Cyan (61%)

Magenta (0%)

Yellow (95%)

Black (23%)



Cyan (70%)

Magenta (23%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DC409 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 4DC409 by changing the saturation by 10% instead.

 4DC409

 4DC409

FFFFFF

 27A800

 8CFE53

 008D00

 AAFF6F

 007200

 C8FF8C

 005900

 E6FFA8

 004000

 FFFFC5

 002800

 FFFFE2

 000200

 000000

 4DC409

 4DC409

■ 47C400

■ 59C41D

■ 66C430

■ 72C444

■ 7FC457

■ 8BC46B

■ 98C47F

■ A4C492

■ B1C4A6

■ BDC4B9

Harmonies

Analogous

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



B1B200



4DC409



00CD73

Triad

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



4DC409



00C3FF



FF458F

Complementary

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



4DC409



8009C4

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.



FF55E3



4DC409



00ACFF

Square

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



4DC409



00CEFF



D584FF



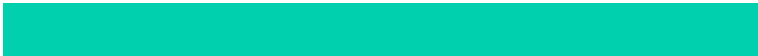
FF6A3F

Rectangle

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



4DC409



00D0AE



D584FF



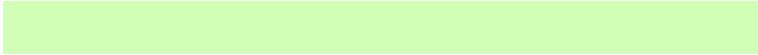
FF43AB

Sweetspot

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



4DC409



D0FFB5



C47F09



638053



000000



808080

Same Dimension

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



4DC409



5DFF00



09C422



5B6157



3AA100



0C2100

Inverse Universe

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



8009C4



A200FF



C409AB



5D5761



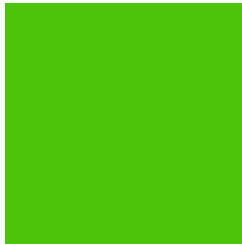
6600A1



150021

Previews

White Background



This preview shows how the Hex color 4DC409 looks on a white background.

Color Contrast Check

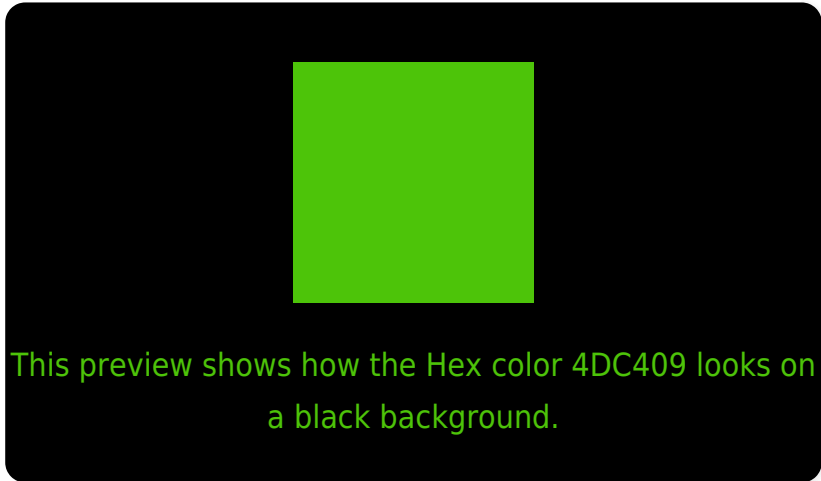
Large Text (above 18pt) WCAG AA × Fail

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 4DC409 Background



This preview shows how black text looks on a background with the Hex color 4DC409.

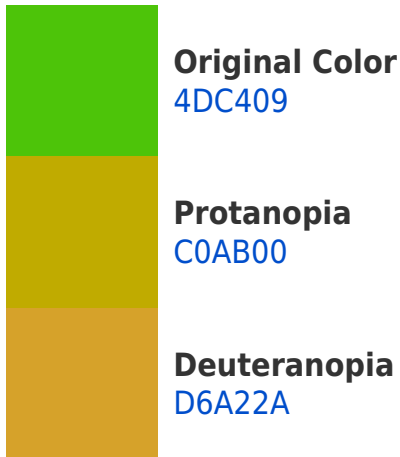


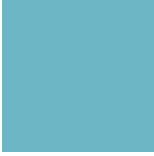
This preview shows how white text looks on a background with the Hex color 4DC409.

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
6DB6C5

Trichromacy



Original Color
4DC409



Protanomaly
96B403



Deuteranomaly
A4AE1E



Tritanomaly
61BB81

Monochromacy



Original Color
4DC409



Achromatopsia
8B8B8B



Achromatomaly
74A05C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DC409 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 #4DC409 looks like.

```
.text, #text, p{  
    color:#4DC409  
}
```

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 #4DC409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC409
}
```

Border

The CSS property to change the border of an element to Hex 4DC409 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
#4DC409 }
```

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

```
.border{ border-color:#4DC409 }
```

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

Here you see how a box with a 4 pixel #4DC409 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC409; -webkit-box-shadow:4px 4px  
4px 4px #4DC409; box-shadow:4px 4px 4px  
4px #4DC409 }
```

Background

The CSS property to change the background color of an element to Hex 4DC409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC409 }
```

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

```
.background{ background-color:#4DC409 }
```

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