

# Converting Colors

Hex(4DC408)

Have a look what the booklet for  
Hex(4DC408) contains.

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**Color**

**Hex(4DC408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DC408
RGB	77, 196, 8
RGB Percent	30%, 77%, 3%
CMY	0.6980, 0.2314, 0.9686
CMYK	0.61, 0.00, 0.96, 0.23
HSL	98°, 92%, 40%
HSV	98°, 96%, 77%
XYZ	22.8443, 41.0752, 6.9540
YIQ	138.9870, -10.5760, -83.6960

# Conversions

## Conversions Part 2

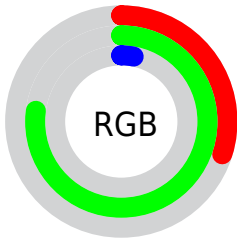
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 196, 127
Decimal	5096456
CIELab	70.23, -60.80, 68.73
CIELCh	70, 91.761, 131.499
Yxy	41.0752, 0.3223, 0.5796
Android (android.graphics.Color)	4283286536 (0xFF4DC408)
YUV	138.9870, -64.5766, -54.3626
Hunter-Lab	64.0899, -48.5325, 38.4297

# Details

The Hex color **4DC408** 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 **7F08C4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8CFE52**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **48C400**, and if you desaturate by 10%, it is **59C41C**.

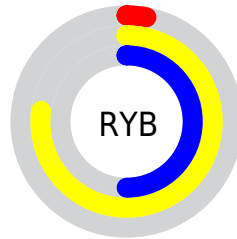
# Distribution



Red (30%)

Green (77%)

Blue (3%)



Red (3%)

Yellow (77%)

Blue (50%)

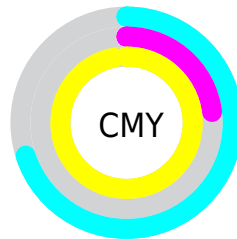


Cyan (61%)

Magenta (0%)

Yellow (96%)

Black (23%)



Cyan (70%)

Magenta (23%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DC408 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 4DC408 by changing the saturation by 10% instead.



 4DC408

 4DC408

FFFFFF

 27A800

 8CFE52

 008D00

 AAFF6F

 007200

 C8FF8B

 005900

 E6FFA8

 004000

 FFFFC5

 002800

 FFFFE2

 000200

 000000

 4DC408

 4DC408

■ 48C400

■ 59C41C

■ 66C42F

■ 72C443

■ 7FC456

■ 8BC46A

■ 97C47E

■ A4C491

■ B0C4A5

■ BDC4B8

# Harmonies

## Analogous

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



B1B200



4DC408



00CD73

# Triad

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



4DC408



00C3FF



FF448F

# Complementary

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



4DC408



7F08C4

# 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



4DC408



00ACFF

# Square

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



4DC408



00CEFF



D584FF



FF6A3F

# Rectangle

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



4DC408



00D0AE



D584FF



FF42AB

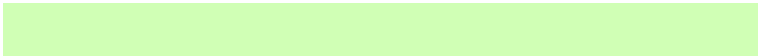


# Sweetspot

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



4DC408



D0FFB5



C47C08



638053



000000



808080



# Same Dimension

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



4DC408



5EFF00



08C41E



5B6157



3BA100



0C2100



# Inverse Universe

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



7F08C4



A100FF



C408AE



5D5761



6600A1

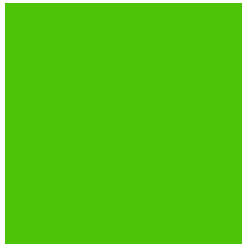


150021



# Previews

## White Background



This preview shows how the Hex color 4DC408 looks on a white background.

## Color Contrast Check

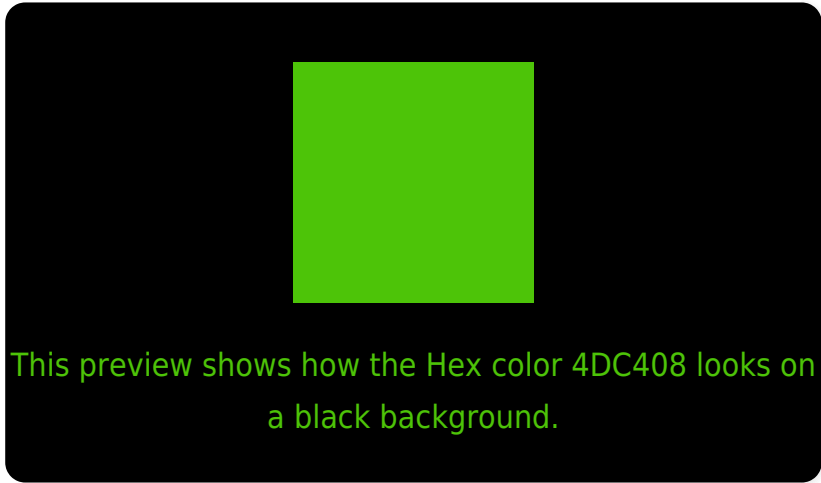
Large Text (above 18pt) WCAG AA × Fail

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 4DC408 Background



This preview shows how black text looks on a background with the Hex color 4DC408.

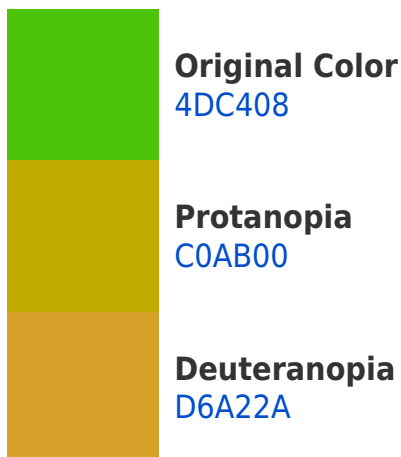


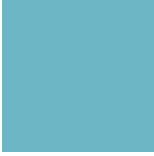
This preview shows how white text looks on a background with the Hex color 4DC408.

# 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**  
4DC408



**Protanomaly**  
96B403



**Deuteranomaly**  
A4AE1E



**Tritanomaly**  
61BB80

# Monochromacy



**Original Color**  
4DC408



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
74A05B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DC408 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 #4DC408 looks like.

```
.text, #text, p{  
    color:#4DC408  
}
```

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 #4DC408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC408
}
```

## Border

The CSS property to change the border of an element to Hex 4DC408 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
#4DC408 }
```

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

```
.border{ border-color:#4DC408 }
```

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

Here you see how a box with a 4 pixel #4DC408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC408; -webkit-box-shadow:4px 4px  
4px 4px #4DC408; box-shadow:4px 4px 4px  
4px #4DC408 }
```

# Background

The CSS property to change the background color of an element to Hex 4DC408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC408 }
```

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

```
.background{ background-color:#4DC408 }
```

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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