

# Converting Colors

Hex(4FC405)

Have a look what the booklet for  
Hex(4FC405) contains.

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**Color**

**Hex(4FC405)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4FC405
RGB	79, 196, 5
RGB Percent	31%, 77%, 2%
CMY	0.6902, 0.2314, 0.9804
CMYK	0.60, 0.00, 0.97, 0.23
HSL	97°, 95%, 39%
HSV	97°, 97%, 77%
XYZ	22.9918, 41.1531, 6.8751
YIQ	139.2430, -8.4210, -84.2050

# Conversions

## Conversions Part 2

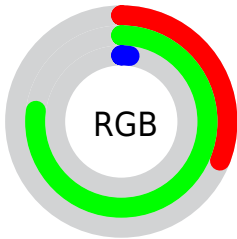
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 196, 122
Decimal	5227525
CIELab	70.28, -60.37, 69.12
CIELCh	70, 91.774, 131.133
Yxy	41.1531, 0.3237, 0.5795
Android (android.graphics.Color)	4283417605 (0xFF4FC405)
YUV	139.2430, -66.1818, -52.8331
Hunter-Lab	64.1507, -48.2888, 38.5513

# Details

The Hex color **4FC405** 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 **7A05C4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DFE52**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **4CC400**, and if you desaturate by 10%, it is **5BC419**.

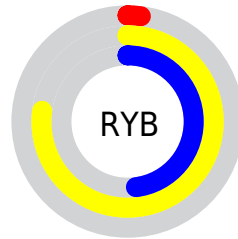
# Distribution



Red (31%)

Green (77%)

Blue (2%)



Red (2%)

Yellow (77%)

Blue (48%)

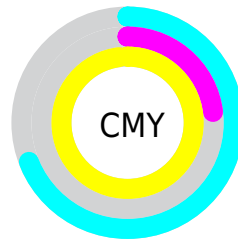


Cyan (60%)

Magenta (0%)

Yellow (97%)

Black (23%)



Cyan (69%)

Magenta (23%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FC405 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 4FC405 by changing the saturation by 10% instead.



 4FC405

 4FC405

FFFFFF

 2AA800

 8DFE52

 008D00

 ABFF6E

 007200

 C9FF8B

 005900

 E8FFA7

 004000

 FFFFC4

 002900

 FFFFE1

 000200

 000000

 4FC405

 4FC405

 4CC400

 5BC419

 67C42C

 73C440

 7FC453

 8BC467

 97C47B

 A3C48E

 AFC4A2

 BBC4B5

# Harmonies

## Analogous

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



B3B200



4FC405



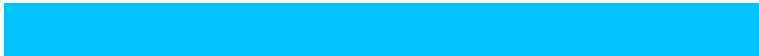
00CD72

# Triad

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



4FC405



00C4FF



FF4491

# Complementary

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



4FC405



7A05C4

# 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.



FF56E4



4FC405



00ACFF

# Square

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



4FC405



00CEFF



D485FF



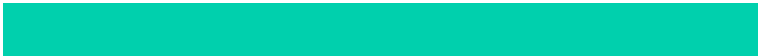
FF6A40

# Rectangle

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



4FC405



00D0AD



D485FF



FF43AC

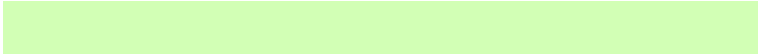


# Sweetspot

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



4FC405



D2FFB5



C47805



648053



000000



808080



# Same Dimension

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



4FC405



63FF00



05C418



5B6157



3EA100



0D2100



# Inverse Universe

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



7A05C4



9C00FF



C405B1



5D5761



6200A1

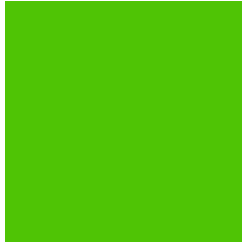


140021



# Previews

## White Background



This preview shows how the Hex color 4FC405 looks on a white background.

## Color Contrast Check

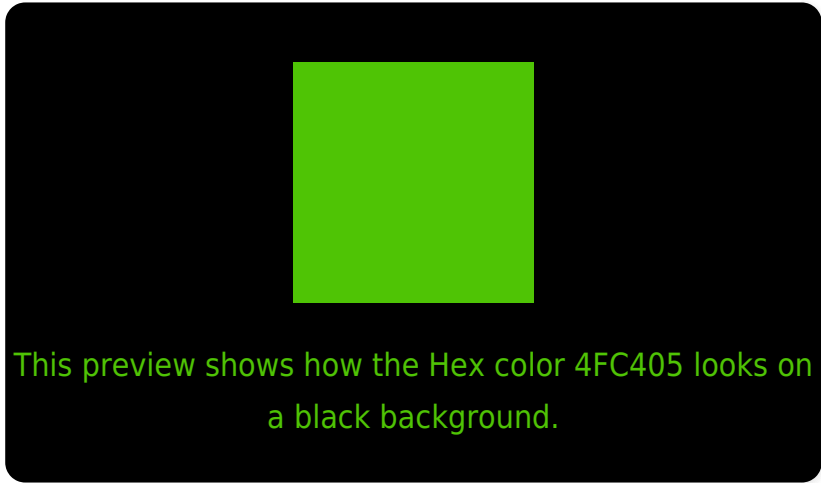
Large Text (above 18pt) WCAG AA × Fail

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

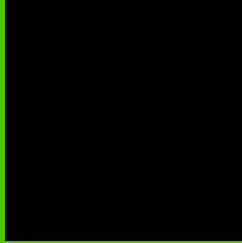
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FC405 Background



This preview shows how black text looks on a background with the Hex color 4FC405.

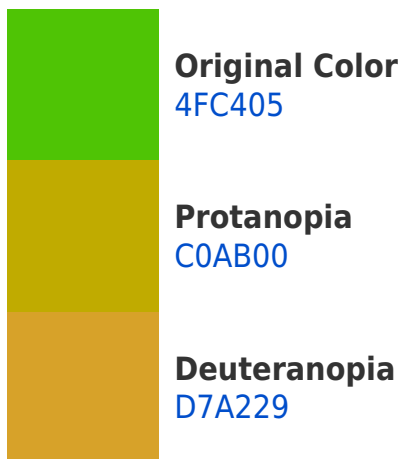


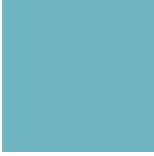
This preview shows how white text looks on a background with the Hex color 4FC405.

# 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**  
6FB6C5

# Trichromacy



**Original Color**  
4FC405



**Protanomaly**  
97B402



**Deuteranomaly**  
A6AE1C



**Tritanomaly**  
63BB7F

# Monochromacy



**Original Color**  
4FC405



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
75A05A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FC405 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 #4FC405 looks like.

```
.text, #text, p{  
    color:#4FC405  
}
```

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 #4FC405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC405
}
```

## Border

The CSS property to change the border of an element to Hex 4FC405 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
#4FC405 }
```

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

```
.border{ border-color:#4FC405 }
```

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

Here you see how a box with a 4 pixel #4FC405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC405; -webkit-box-shadow:4px 4px  
4px 4px #4FC405; box-shadow:4px 4px 4px  
4px #4FC405 }
```

# Background

The CSS property to change the background color of an element to Hex 4FC405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC405 }
```

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

```
.background{ background-color:#4FC405 }
```

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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