

Converting Colors

Hex(4FC605)

Have a look what the booklet for
Hex(4FC605) contains.

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Color

Hex(4FC605)

Conversions

Conversions Part 1

Format	Color
Hex	4FC605
RGB	79, 198, 5
RGB Percent	31%, 78%, 2%
CMY	0.6902, 0.2235, 0.9804
CMYK	0.60, 0.00, 0.97, 0.22
HSL	97°, 95%, 40%
HSV	97°, 97%, 78%
XYZ	23.4459, 42.0614, 7.0265
YIQ	140.4170, -8.9710, -85.2510

Conversions

Conversions Part 2

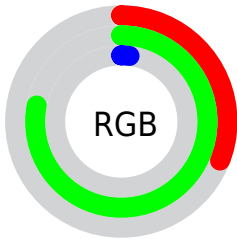
Format	Color
RYB	5, 198, 124
Decimal	5228037
CIELab	70.91, -61.05, 69.63
CIELCh	71, 92.601, 131.243
Yxy	42.0614, 0.3232, 0.5799
Android (android.graphics.Color)	4283418117 (0xFF4FC605)
YUV	140.4170, -66.7606, -53.8627
Hunter-Lab	64.8548, -48.9655, 38.9747

Details

The Hex color **4FC605** 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 **7C05C6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8EFF52**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **4CC600**, and if you desaturate by 10%, it is **5BC619**.

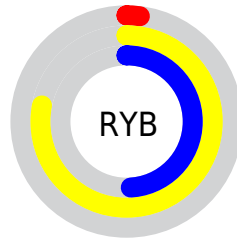
Distribution



Red (31%)

Green (78%)

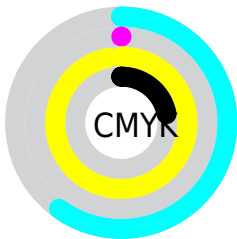
Blue (2%)



Red (2%)

Yellow (78%)

Blue (49%)

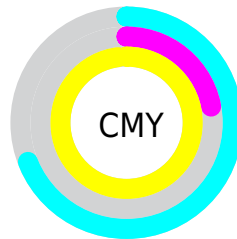


Cyan (60%)

Magenta (0%)

Yellow (97%)

Black (22%)



Cyan (69%)

Magenta (22%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC605 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 4FC605 by changing the saturation by 10% instead.

 4FC605

 4FC605

FFFFFF

 29AA00

 8EFF52

 008F00

 ACFF6F

 007400

 CAFF8B

 005A00

 E8FFA8

 004100

 FFFFC5

 002A00

 FFFFE2

 000600

 000000

 4FC605

 4FC605

■ 4CC600

■ 5BC619

■ 67C62D

■ 74C640

■ 80C654

■ 8CC668

■ 98C67C

■ A4C690

■ B1C6A3

■ BDC6B7

Harmonies

Analogous

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



B4B400



4FC605



00CF74

Triad

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



4FC605



00C6FF



FF4592

Complementary

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



4FC605



7C05C6

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.



FF56E6



4FC605



00AEFF

Square

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



4FC605



00D0FF



D686FF



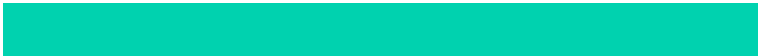
FF6B41

Rectangle

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



4FC605



00D2AF



D686FF



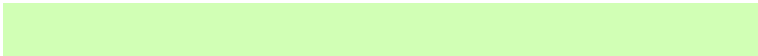
FF43AE

Sweetspot

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



4FC605



D1FFB5



C67905



648053



000000



808080

Same Dimension

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



4FC605



62FF00



05C618



5D635A



3FA300



0E2400

Inverse Universe

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



7C05C6



9D00FF



C605B3



605A63



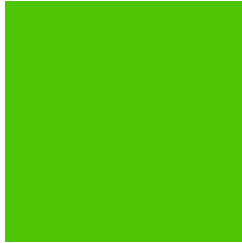
6500A3



160024

Previews

White Background



This preview shows how the Hex color 4FC605 looks on a white background.

Color Contrast Check

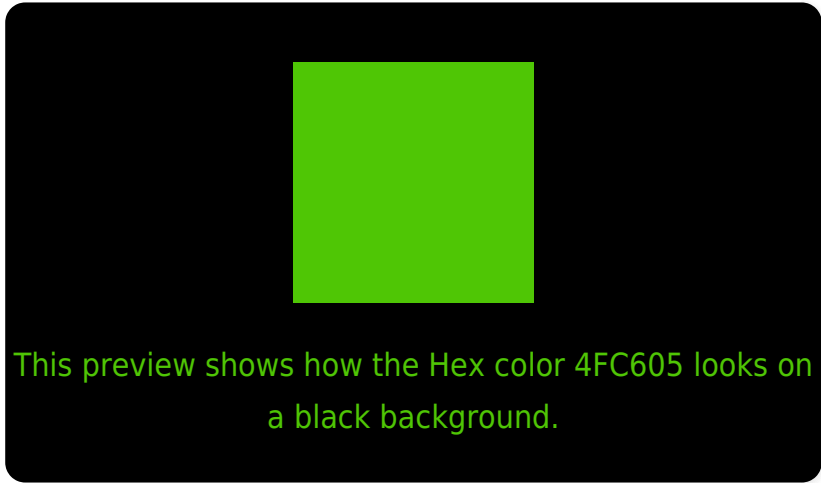
Large Text (above 18pt) WCAG AA × Fail

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 4FC605 Background



This preview shows how black text looks on a background with the Hex color 4FC605.

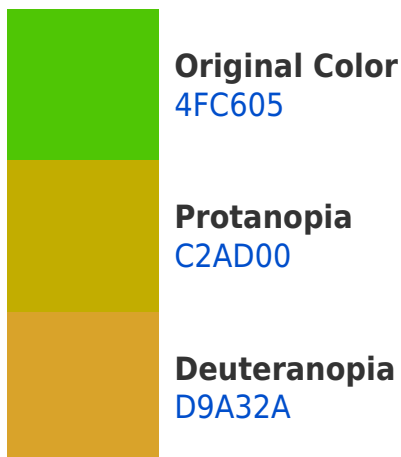


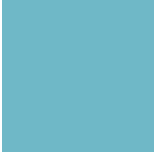
This preview shows how white text looks on a background with the Hex color 4FC605.

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
6FB8C7

Trichromacy



Original Color
4FC605



Protanomaly
98B602



Deuteranomaly
A7B01D



Tritanomaly
63BD80

Monochromacy



Original Color
4FC605



Achromatopsia
8C8C8C



Achromatomaly
76A15B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC605 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 #4FC605 looks like.

```
.text, #text, p{  
    color:#4FC605  
}
```

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 #4FC605 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC605  
}
```

Border

The CSS property to change the border of an element to Hex 4FC605 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  
#4FC605 }
```

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

```
.border{ border-color:#4FC605 }
```

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

Here you see how a box with a 4 pixel #4FC605 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC605; -webkit-box-shadow:4px 4px  
4px 4px #4FC605; box-shadow:4px 4px 4px  
4px #4FC605 }
```

Background

The CSS property to change the background color of an element to Hex 4FC605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC605 }
```

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

```
.background{ background-color:#4FC605 }
```

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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