

Converting Colors

Hex(4075F5)

Have a look what the booklet for
Hex(4075F5) contains.

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Color

Hex(4075F5)

Conversions

Conversions Part 1

Format	Color
Hex	4075F5
RGB	64, 117, 245
RGB Percent	25%, 46%, 96%
CMY	0.7490, 0.5412, 0.0392
CMYK	0.74, 0.52, 0.00, 0.04
HSL	222°, 90%, 61%
HSV	222°, 74%, 96%
XYZ	24.9571, 20.4051, 89.0094
YIQ	115.7450, -72.6760, 28.5720

Conversions

Conversions Part 2

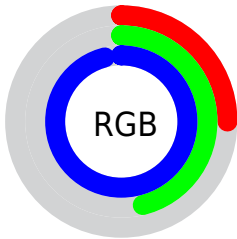
Format	Color
R _{YB}	64, 105, 245
Decimal	4224501
CIE Lab	52.29, 25.81, -69.26
CIE LCh	52, 73.914, 290.440
Yxy	20.4051, 0.1857, 0.1519
Android (android.graphics.Color)	4282414581 (0xFF4075F5)
YUV	115.7450, 63.7227, -45.3804
Hunter-Lab	45.1720, 19.5682, -85.2077

Details

The Hex color **4075F5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F5C040**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **86A8FF**, and **0046BC** is the 20% darker color. If you saturate the color by 10%, you get **2864F5**, and if you desaturate by 10%, it is **5986F5**.

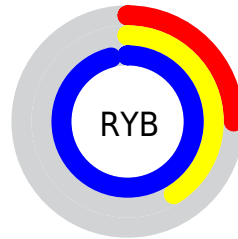
Distribution



Red (25%)

Green (46%)

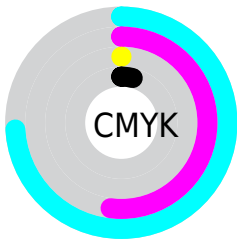
Blue (96%)



Red (25%)

Yellow (41%)

Blue (96%)

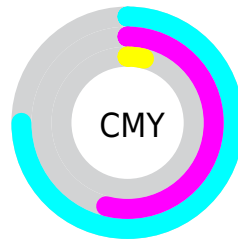


Cyan (74%)

Magenta (52%)

Yellow (0%)

Black (4%)



Cyan (75%)

Magenta (54%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4075F5 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 4075F5 by changing the saturation by 10% instead.

 4075F5

 4075F5

FFFFFF

 005DD8

 86A8FF

 0046BC

 A6C4FF

 0031A0

 C5DFFF

 001E85

 E4FCFF

 00076B

 000B52

 00053A

 000223

 00000A

■ 4075F5

■ 4075F5

■ 2864F5

■ 5986F5

■ 0F52F5

■ 7198F5

■ 0048F5

■ 8AA9F5

■ A2BAF5

■ BBCCF5

■ D3DDF5

■ ECEEF5

■ FFFFF5

Harmonies

Analogous

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



008BFB



4075F5



B354CF

Triad

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



4075F5



D35515



009766

Complementary

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



4075F5



F5C040

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.



009220



4075F5



A87300

Square

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



4075F5



E93355



6E8700



0098A7

Rectangle

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



4075F5



D73BA9



6E8700



00964F

Sweetspot

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



4075F5



C7D7FF



40F5BF



5E6880



000000



808080

Same Dimension

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



4075F5



1C5FFF



6440F5



6E727A



0037BA



00113B

Inverse Universe

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



F54075



FF1C5F



D1F540



7A6E72



BA0037



3B0011

Previews

White Background



This preview shows how the Hex color 4075F5 looks on a white background.

Color Contrast Check

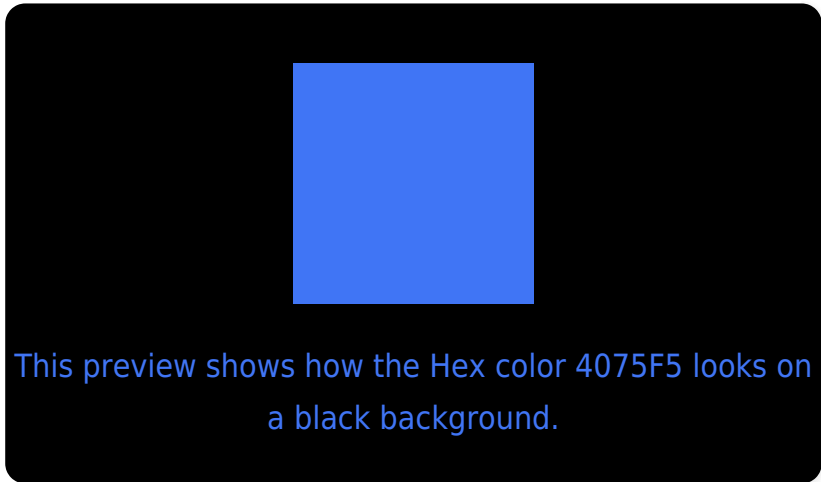
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 4075F5 Background



This preview shows how black text looks on a background with the Hex color 4075F5.



This preview shows how white text looks on a background with the Hex color 4075F5.

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](#).

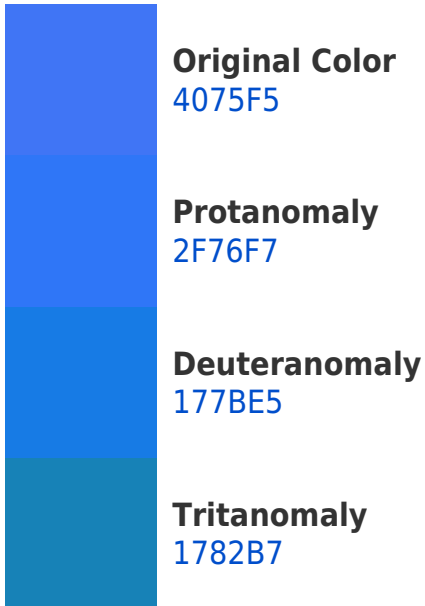
Dichromacy





Tritanopia
008A93

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4075F5 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 #4075F5 looks like.

```
.text, #text, p{  
    color:#4075F5  
}
```

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 #4075F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4075F5  
}
```

Border

The CSS property to change the border of an element to Hex 4075F5 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  
#4075F5 }
```

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

```
.border{ border-color:#4075F5 }
```

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

Here you see how a box with a 4 pixel #4075F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4075F5; -webkit-box-shadow:4px 4px  
4px 4px #4075F5; box-shadow:4px 4px 4px  
4px #4075F5 }
```

Background

The CSS property to change the background color of an element to Hex 4075F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4075F5 }
```

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

```
.background{ background-color:#4075F5 }
```

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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