

# Converting Colors

Hex(4065F8)

Have a look what the booklet for  
Hex(4065F8) contains.

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**Color**

**Hex(4065F8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4065F8
RGB	64, 101, 248
RGB Percent	25%, 40%, 97%
CMY	0.7490, 0.6039, 0.0275
CMYK	0.74, 0.59, 0.00, 0.03
HSL	228°, 93%, 61%
HSV	228°, 74%, 97%
XYZ	23.7113, 17.1747, 90.8723
YIQ	106.6950, -69.2390, 37.8730

# Conversions

## Conversions Part 2

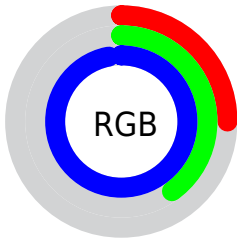
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 95, 248
Decimal	4220408
CIE Lab	48.48, 36.83, -77.13
CIE LCh	48, 85.472, 295.524
Yxy	17.1747, 0.1800, 0.1303
Android (android.graphics.Color)	4282410488 (0xFF4065F8)
YUV	106.6950, 69.6634, -37.4435
Hunter-Lab	41.4423, 29.6051, -100.9980

# Details

The Hex color **4065F8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F8D340**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8898FF**, and **0037BE** is the 20% darker color. If you saturate the color by 10%, you get **2751F8**, and if you desaturate by 10%, it is **5979F8**.

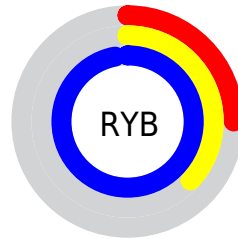
# Distribution



Red (25%)

Green (40%)

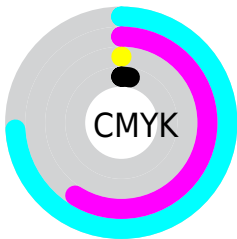
Blue (97%)



Red (25%)

Yellow (37%)

Blue (97%)

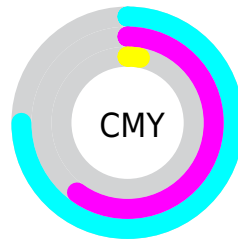


Cyan (74%)

Magenta (59%)

Yellow (0%)

Black (3%)



Cyan (75%)

Magenta (60%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4065F8 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 4065F8 by changing the saturation by 10% instead.



 4065F8

 4065F8

FFFFFF

 004DDB

 8898FF

 0037BE

 A7B2FF

 0023A3

 C7CEFF

 001287

 E6EAFB

 00006D

 000B54

 00063C

 000225

 00010D

■ 4065F8

■ 4065F8

■ 2751F8

■ 5979F8

■ 0E3DF8

■ 728DF8

■ 0032F8

■ 8AA0F8

■ A3B4F8

■ BCC8F8

■ D5DCF8

■ EEF0F8

■ FFFFF8

# Harmonies

## Analogous

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



0081FF



4065F8



BC33C6

# Triad

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



4065F8



CA4900



008F66

# Complementary

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



4065F8



F8D340

# 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.



008B0E



4065F8



966D00

# Square

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



4065F8



E9003B



4F8100



0090B0

# Rectangle

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



4065F8



DF0099



4F8100



008E4C



# Sweetspot

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



4065F8



C7D2FF



40F8D0



5E6580



000000



808080



# Same Dimension

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



4065F8



1C4AFF



7440F8



70737D



0026BD



000C3D



# Inverse Universe

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



F84065



FF1C4A



C4F840



7D7073



BD0026



3D000C



# Previews

## White Background



This preview shows how the Hex color 4065F8 looks on a white background.

## Color Contrast Check

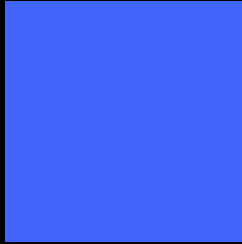
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4065F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

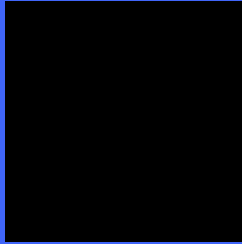
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4065F8 Background



This preview shows how black text looks on a background with the Hex color 4065F8.



This preview shows how white text looks on a background with the Hex color 4065F8.

# 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



# Trichromacy



**Original Color**  
4065F8

**Protanomaly**  
176BEE

**Tritanomaly**  
1776B0

# Monochromacy



**Original Color**  
4065F8

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5B699E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4065F8 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 #4065F8 looks like.

```
.text, #text, p{  
    color:#4065F8  
}
```

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 #4065F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4065F8  
}
```

## Border

The CSS property to change the border of an element to Hex 4065F8 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  
#4065F8 }
```

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

```
.border{ border-color:#4065F8 }
```

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

Here you see how a box with a 4 pixel #4065F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4065F8; -webkit-box-shadow:4px 4px  
4px 4px #4065F8; box-shadow:4px 4px 4px  
4px #4065F8 }
```

# Background

The CSS property to change the background color of an element to Hex 4065F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4065F8 }
```

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

```
.background{ background-color:#4065F8 }
```

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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