

# Converting Colors

Hex(0079F5)

Have a look what the booklet for  
Hex(0079F5) contains.

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# Color

**Hex(0079F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0079F5
RGB	0, 121, 245
RGB Percent	0%, 47%, 96%
CMY	1.0000, 0.5255, 0.0392
CMYK	1.00, 0.51, 0.00, 0.04
HSL	210°, 100%, 48%
HSV	210°, 100%, 96%
XYZ	23.3188, 20.2673, 89.0692
YIQ	98.9570, -111.9200, 12.9120

# Conversions

## Conversions Part 2

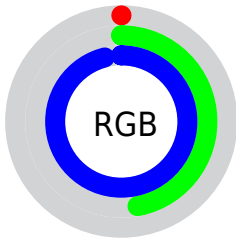
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 245
Decimal	31221
CIELab	52.14, 19.31, -69.57
CIELCh	52, 72.199, 285.515
Yxy	20.2673, 0.1758, 0.1528
Android (android.graphics.Color)	4278221301 (0xFF0079F5)
YUV	98.9570, 71.9992, -86.7853
Hunter-Lab	45.0192, 13.6747, -85.7899

# Details

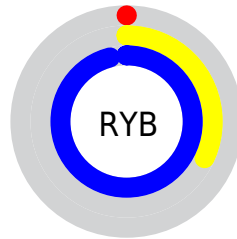
The Hex color **0079F5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F57C00**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6EADFF**, and **004ABC** is the 20% darker color. If you saturate the color by 10%, you get **0079F5**, and if you desaturate by 10%, it is **1885F5**.

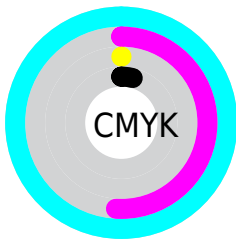
# Distribution



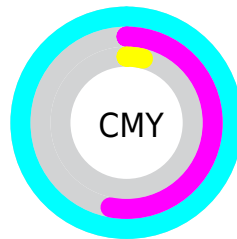
- Red (0%)
- Green (47%)
- Blue (96%)



- Red (0%)
- Yellow (32%)
- Blue (96%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (53%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0079F5 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 0079F5 by changing the saturation by 10% instead.



 0079F5

 0079F5

FFFFFF

 0061D8

 6EADFF

 004ABC

 90C8FF

 0035A0

 B0E3FF

 002185


 D0FFFF

 000B6B

 EFFFFFF

 000B52


 00053A

 000223

 00000A

 0079F5

 1885F5

 3192F5

 4A9EF5

 62ABF5

 7BB7F5

 93C3F5

 ABD0F5

 C4DCF5

 DDE9F5

# Harmonies

## Analogous

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



008CF5



0079F5



A65BD4

# Triad

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



0079F5



D65024



00965B

# Complementary

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



0079F5



F57C00

# 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.



259015



0079F5



AF6F00

# Square

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



0079F5



E8325F



798300



00979C

# Rectangle

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



0079F5



CE43B1



798300



009445

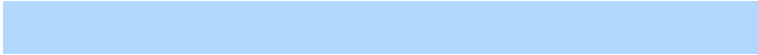


# Sweetspot

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



0079F5



B3D8FF



00F57B



526880



000000



808080



# Same Dimension

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



0079F5



007EFF



0000F5



6E747A



005CBA



001D3B



# Inverse Universe

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



F50079



FF007E



F5F500



7A6E74



BA005C



3B001D



# Previews

## White Background



This preview shows how the Hex color 0079F5 looks on a white background.

## Color Contrast Check

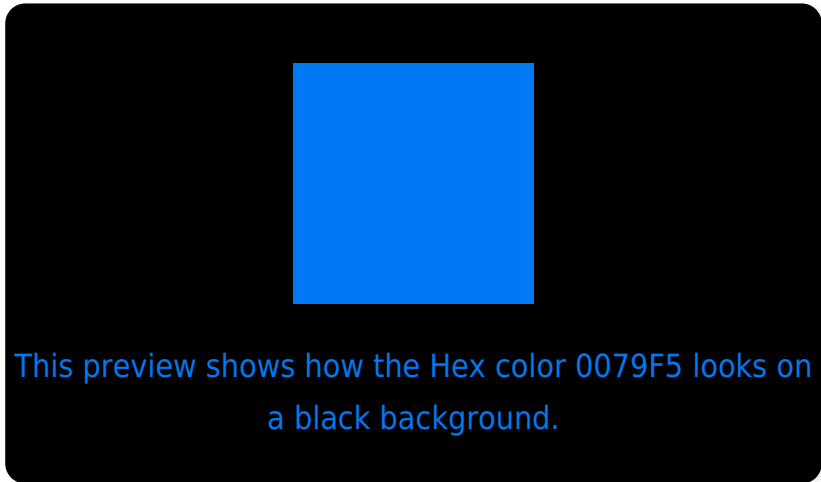
Large Text (above 18pt) WCAG AA ✓ Pass

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

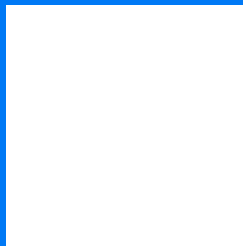
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0079F5 Background



This preview shows how black text looks on a background with the Hex color 0079F5.



This preview shows how white text looks on a background with the Hex color 0079F5.

# 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



**Original Color**  
0079F5

**Protanopia**  
2E77F3

# Trichromacy



**Original Color**  
0079F5

**Protanomaly**  
1D78F4

# Monochromacy



**Original Color**  
0079F5

**Achromatopsia**  
636363

**Achromatomaly**  
3F6B98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0079F5 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 #0079F5 looks like.

```
.text, #text, p{  
    color:#0079F5  
}
```

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 #0079F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0079F5
}
```

## Border

The CSS property to change the border of an element to Hex 0079F5 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
#0079F5 }
```

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

```
.border{ border-color:#0079F5 }
```

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

Here you see how a box with a 4 pixel #0079F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0079F5; -webkit-box-shadow:4px 4px  
4px 4px #0079F5; box-shadow:4px 4px 4px  
4px #0079F5 }
```

# Background

The CSS property to change the background color of an element to Hex 0079F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0079F5 }
```

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

```
.background{ background-color:#0079F5 }
```

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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