

# Converting Colors

Hex(0184F5)

Have a look what the booklet for  
Hex(0184F5) contains.

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**Color**

**Hex(0184F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0184F5
RGB	1, 132, 245
RGB Percent	0%, 52%, 96%
CMY	0.9961, 0.4824, 0.0392
CMYK	1.00, 0.46, 0.00, 0.04
HSL	208°, 99%, 48%
HSV	208°, 100%, 96%
XYZ	24.7452, 23.1016, 89.5410
YIQ	105.7130, -114.3490, 7.3710

# Conversions

## Conversions Part 2

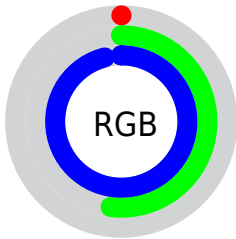
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	1, 86, 245
Decimal	99573
CIE Lab	55.18, 12.47, -64.66
CIE LCh	55, 65.850, 280.917
Yxy	23.1016, 0.1801, 0.1681
Android (android.graphics.Color)	4278289653 (0xFF0184F5)
YUV	105.7130, 68.6685, -91.8333
Hunter-Lab	48.0641, 7.7865, -76.8095

# Details

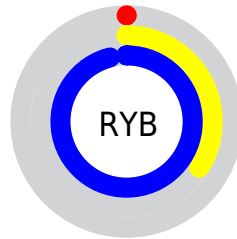
The Hex color **0184F5** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F57201**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6EB8FF**, and **0054BC** is the 20% darker color. If you saturate the color by 10%, you get **0084F5**, and if you desaturate by 10%, it is **198FF5**.

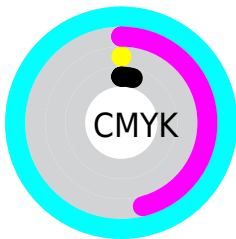
# Distribution



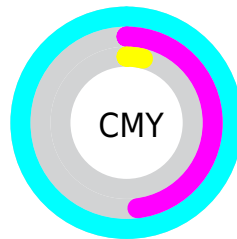
- Red (0%)
- Green (52%)
- Blue (96%)



- Red (0%)
- Yellow (34%)
- Blue (96%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (48%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0184F5 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 0184F5 by changing the saturation by 10% instead.



 0184F5

 0184F5

FFFFFF

 006BD8

 6EB8FF

 0054BC

 8FD4FF

 003EA0

 B0F0FF

 002985

 CFFFFF

 00176B

 EFFFFFF

 000B52

 00063A

 000224

 00000B

■ 0184F5

■ 0184F5

■ 0084F5

■ 198FF5

■ 329BF5

■ 4AA6F5

■ 63B1F5

■ 7BBDF5

■ 94C8F5

■ ADD3F5

■ C5DFF5

■ DEEAF5

# Harmonies

## Analogous

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



0094F0



0184F5



A06BDB

# Triad

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



0184F5



DE5A3C



009C5C

# Complementary

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



0184F5



F57201

# 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.



4B9523



0184F5



BC7400

# Square

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



0184F5



E94772



8B8800



009E98

# Rectangle

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



0184F5



C958BD



8B8800



009A49

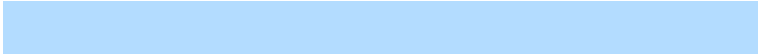


# Sweetspot

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



0184F5



B3DCFF



01F56F



526A80



000000



808080



# Same Dimension

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



0184F5



0089FF



010DF5



6E757A



0064BA



001F3B



# Inverse Universe

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



F50184



FF0089



F5E901



7A6E75



BA0064



3B001F



# Previews

## White Background



This preview shows how the Hex color 0184F5 looks on a white background.

## Color Contrast Check

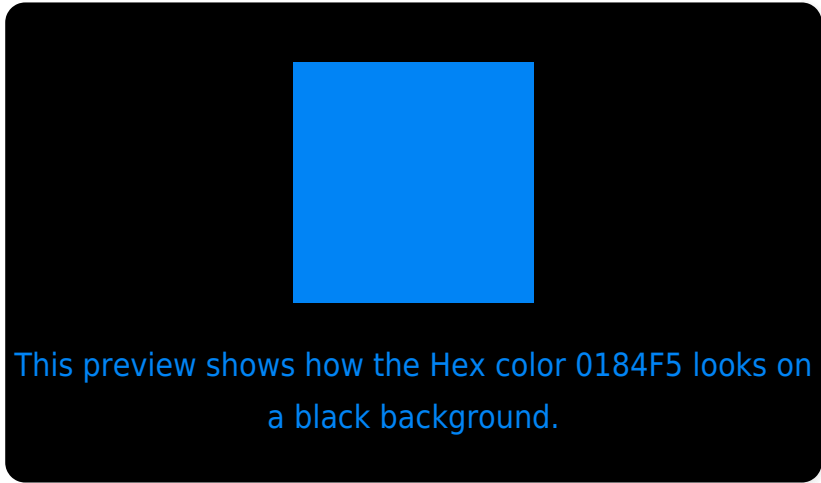
Large Text (above 18pt) WCAG AA ✓ Pass

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

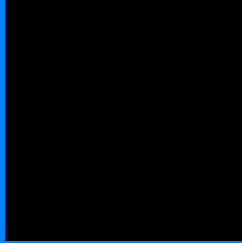
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

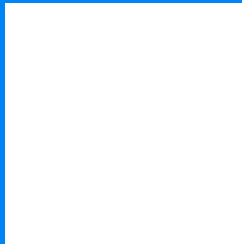
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0184F5 Background



This preview shows how black text looks on a background with the Hex color 0184F5.



This preview shows how white text looks on a background with the Hex color 0184F5.

# 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](#).

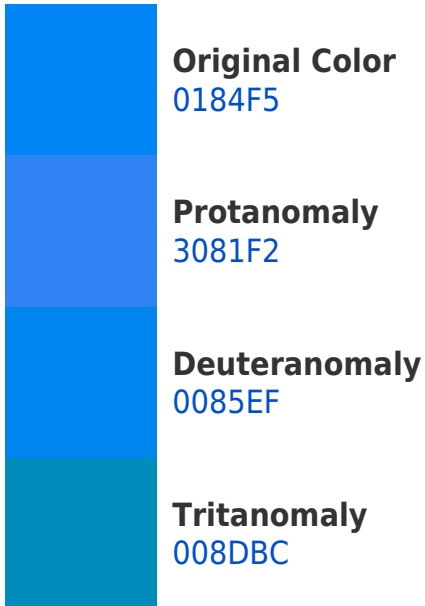
## Dichromacy





**Tritanopia**  
00929C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0184F5 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 #0184F5 looks like.

```
.text, #text, p{  
    color:#0184F5  
}
```

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 #0184F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0184F5
}
```

## Border

The CSS property to change the border of an element to Hex 0184F5 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
#0184F5 }
```

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

```
.border{ border-color:#0184F5 }
```

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

Here you see how a box with a 4 pixel #0184F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0184F5; -webkit-box-shadow:4px 4px  
4px 4px #0184F5; box-shadow:4px 4px 4px  
4px #0184F5 }
```

# Background

The CSS property to change the background color of an element to Hex 0184F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0184F5 }
```

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

```
.background{ background-color:#0184F5 }
```

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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