

# Converting Colors

Hex(4BA6F0)

Have a look what the booklet for  
Hex(4BA6F0) contains.

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# **Color**

**Hex(4BA6F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BA6F0
RGB	75, 166, 240
RGB Percent	29%, 65%, 94%
CMY	0.7059, 0.3490, 0.0588
CMYK	0.69, 0.31, 0.00, 0.06
HSL	207°, 85%, 62%
HSV	207°, 69%, 94%
XYZ	32.2660, 35.0596, 87.5046
YIQ	147.2270, -77.9900, 3.7220

# Conversions

## Conversions Part 2

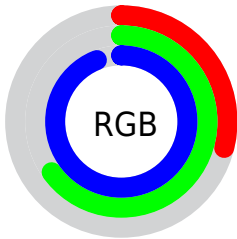
Format	Color
R <sub>Y</sub> B	75, 134, 240
Decimal	4957936
CIE Lab	65.80, -3.77, -44.92
CIE LCh	66, 45.078, 265.205
Yxy	35.0596, 0.2084, 0.2264
Android (android.graphics.Color)	4283148016 (0xFF4BA6F0)
YUV	147.2270, 45.7371, -63.3431
Hunter-Lab	59.2111, -6.3491, -46.1734

# Details

The Hex color **4BA6F0** is a light color, and the websafe version is hex **6699CC**. The color can be described as light washed azure. A complement of this color would be **F0954B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8CDDFF**, and **0072B8** is the 20% darker color. If you saturate the color by 10%, you get **339BF0**, and if you desaturate by 10%, it is **63B1F0**.

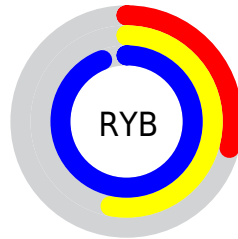
# Distribution



Red (29%)

Green (65%)

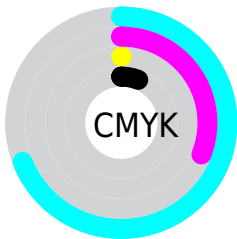
Blue (94%)



Red (29%)

Yellow (53%)

Blue (94%)

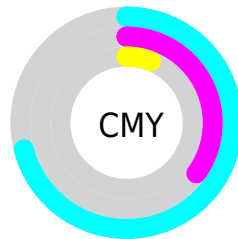


Cyan (69%)

Magenta (31%)

Yellow (0%)

Black (6%)



Cyan (71%)

Magenta (35%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BA6F0 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 4BA6F0 by changing the saturation by 10% instead.



 4BA6F0

 4BA6F0

FFFFFF

 1F8CD3

 8CDDFF

 0072B8

 ABF9FF

 005A9C

 C9FFFF


 004382

 E8FFFF

 002E68

 001A50

 000538

 000222

 000008

■ 4BA6F0

■ 4BA6F0

■ 339BF0

■ 63B1F0

■ 1B90F0

■ 7BBCF0

■ 0386F0

■ 93C6F0

■ 0084F0

■ ABD1F0

■ C3DCF0

■ DBE7F0

■ F3F1F0

■ FFFCF0

■ FFFFF0

# Harmonies

## Analogous

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



00B0E1



4BA6F0



9998E9

# Triad

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



4BA6F0



EC8180



65B070

# Complementary

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



4BA6F0



F0954B

# 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.



96A854



4BA6F0



DC8D5F

# Square

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



4BA6F0



E77FA8



BE9B4E



0AB498

# Rectangle

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



4BA6F0



BE8DD9



BE9B4E



77AE65

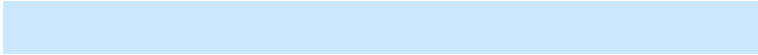


# Sweetspot

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



4BA6F0



C9E7FF



4BF093



607180



000000



808080



# Same Dimension

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



4BA6F0



2BA0FF



4B56F0



6C7278



0065B8



001F38



# Inverse Universe

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



F04BA6



FF2BA0



F0E54B



786C72



B80065



38001F



# Previews

## White Background



This preview shows how the Hex color 4BA6F0 looks on a white background.

## Color Contrast Check

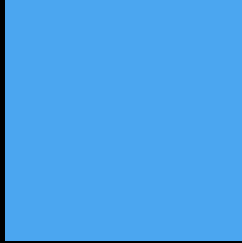
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4BA6F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

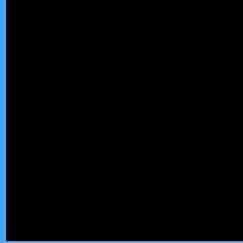
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

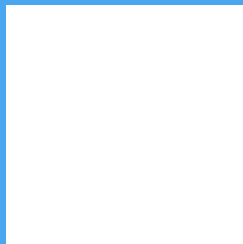
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BA6F0 Background



This preview shows how black text looks on a background with the Hex color 4BA6F0.



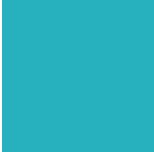
This preview shows how white text looks on a background with the Hex color 4BA6F0.

# 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](#).

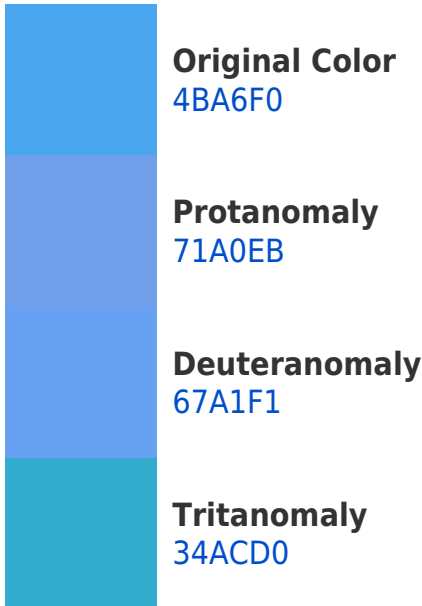
## Dichromacy



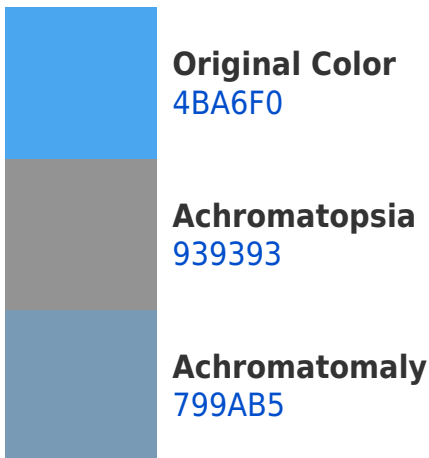


**Tritanopia**  
27B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BA6F0 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 #4BA6F0 looks like.

```
.text, #text, p{  
    color:#4BA6F0  
}
```

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 #4BA6F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA6F0
}
```

## Border

The CSS property to change the border of an element to Hex 4BA6F0 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
#4BA6F0 }
```

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

```
.border{ border-color:#4BA6F0 }
```

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

Here you see how a box with a 4 pixel #4BA6F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA6F0; -webkit-box-shadow:4px 4px  
4px 4px #4BA6F0; box-shadow:4px 4px 4px  
4px #4BA6F0 }
```

# Background

The CSS property to change the background color of an element to Hex 4BA6F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA6F0 }
```

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

```
.background{ background-color:#4BA6F0 }
```

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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