

# Converting Colors

Hex(4BA3F2)

Have a look what the booklet for  
Hex(4BA3F2) contains.

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# **Color**

**Hex(4BA3F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4BA3F2
RGB	75, 163, 242
RGB Percent	29%, 64%, 95%
CMY	0.7059, 0.3608, 0.0510
CMYK	0.69, 0.33, 0.00, 0.05
HSL	208°, 87%, 62%
HSV	208°, 69%, 95%
XYZ	32.0259, 34.1010, 88.8986
YIQ	145.6940, -77.8070, 5.9130

# Conversions

## Conversions Part 2

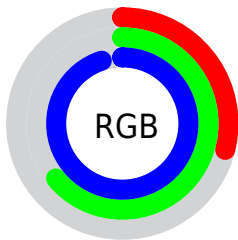
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 133, 242
Decimal	4957170
CIE Lab	65.04, -1.39, -47.20
CIE LCh	65, 47.220, 268.310
Yxy	34.1010, 0.2066, 0.2200
Android (android.graphics.Color)	4283147250 (0xFF4BA3F2)
YUV	145.6940, 47.4789, -61.9986
Hunter-Lab	58.3961, -4.2994, -49.3822

# Details

The Hex color **4BA3F2** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F29A4B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8CDAFF**, and **0070B9** is the 20% darker color. If you saturate the color by 10%, you get **3398F2**, and if you desaturate by 10%, it is **63AEF2**.

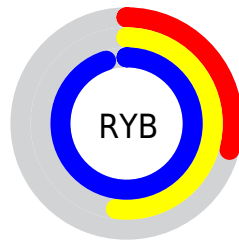
# Distribution



Red (29%)

Green (64%)

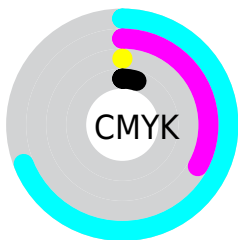
Blue (95%)



Red (29%)

Yellow (52%)

Blue (95%)

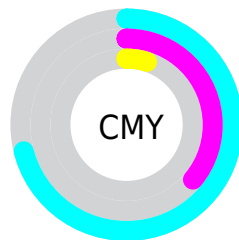


Cyan (69%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (36%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BA3F2 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 4BA3F2 by changing the saturation by 10% instead.



 4BA3F2

 4BA3F2

FFFFFF

 1E89D5

 8CDAFF

 0070B9

 ABF6FF

 00589E

 CAFFFF

 004184

 E8FFFF

 002B6A

 001851

 00053A

 000223

 00000A

■ 4BA3F2

■ 4BA3F2

■ 3398F2

■ 63AEF2

■ 1B8CF2

■ 7BBAF2

■ 0281F2

■ 94C5F2

■ 0080F2

■ ACD1F2

■ C4DCF2

■ DCE8F2

■ F4F3F2

■ FFFFF2

# Harmonies

## Analogous

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



00AEE5



4BA3F2



9D94E8

# Triad

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



4BA3F2



EC7E78



59AF70

# Complementary

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



4BA3F2



F29A4B

# 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.



8FA751



4BA3F2



DA8B57

# Square

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



4BA3F2



EA7AA2



B99B47



00B39A

# Rectangle

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



4BA3F2



C289D6



B99B47



6DAD64

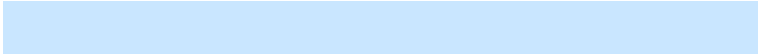


# Sweetspot

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



4BA3F2



C9E6FF



4BF299



607080



000000



808080



# Same Dimension

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



4BA3F2



2B9BFF



4B51F2



6C7278



0061B8



001E38



# Inverse Universe

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



F24BA3



FF2B9B



F2EC4B



786C72



B80061



38001E



# Previews

## White Background



This preview shows how the Hex color 4BA3F2 looks on a white background.

## Color Contrast Check

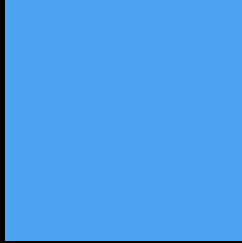
Large Text (above 18pt) WCAG AA × Fail

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 4BA3F2 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

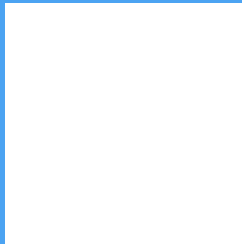
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BA3F2 Background



This preview shows how black text looks on a background with the Hex color 4BA3F2.

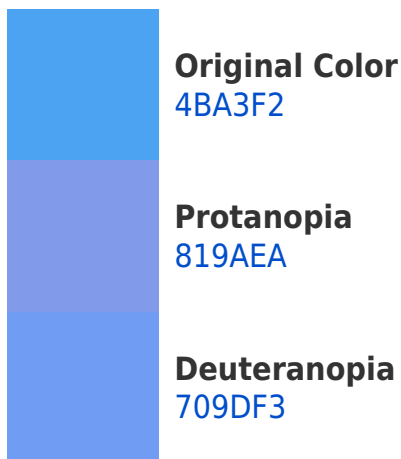


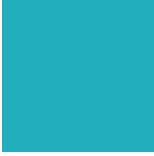
This preview shows how white text looks on a background with the Hex color 4BA3F2.

# Color Blindness Simulation

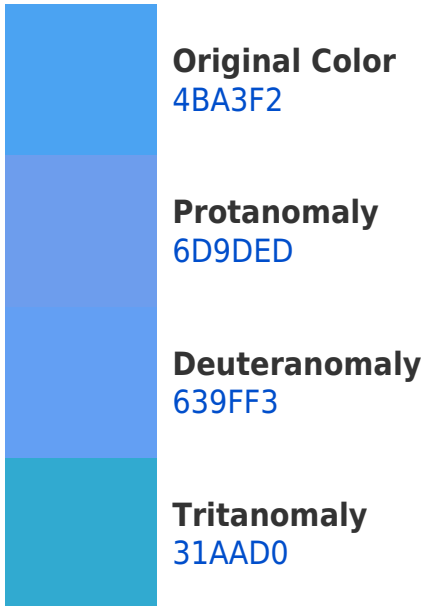
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

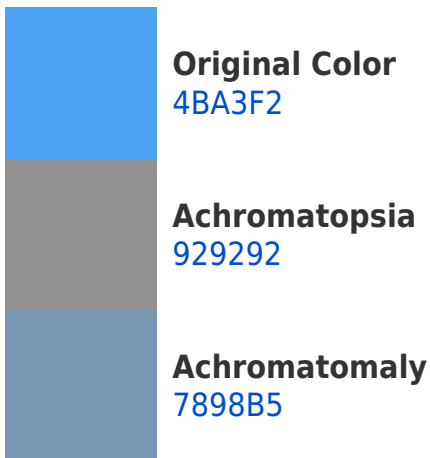




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BA3F2 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 #4BA3F2 looks like.

```
.text, #text, p{  
    color:#4BA3F2  
}
```

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 #4BA3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA3F2
}
```

## Border

The CSS property to change the border of an element to Hex 4BA3F2 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
#4BA3F2 }
```

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

```
.border{ border-color:#4BA3F2 }
```

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

Here you see how a box with a 4 pixel #4BA3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA3F2; -webkit-box-shadow:4px 4px  
4px 4px #4BA3F2; box-shadow:4px 4px 4px  
4px #4BA3F2 }
```

# Background

The CSS property to change the background color of an element to Hex 4BA3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA3F2 }
```

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

```
.background{ background-color:#4BA3F2 }
```

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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