

Converting Colors

Hex(4BA0F7)

Have a look what the booklet for
Hex(4BA0F7) contains.

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Color

Hex(4BA0F7)

Conversions

Conversions Part 1

Format	Color
Hex	4BA0F7
RGB	75, 160, 247
RGB Percent	29%, 63%, 97%
CMY	0.7059, 0.3725, 0.0314
CMYK	0.70, 0.35, 0.00, 0.03
HSL	210°, 91%, 63%
HSV	210°, 70%, 97%
XYZ	32.2610, 33.3529, 92.7331
YIQ	144.5030, -78.5870, 9.0370

Conversions

Conversions Part 2

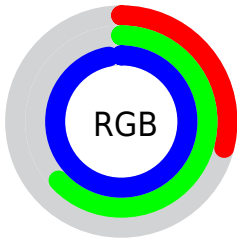
Format	Color
R _Y B	75, 132, 247
Decimal	4956407
CIE Lab	64.45, 2.03, -50.88
CIE LCh	64, 50.919, 272.285
Yxy	33.3529, 0.2037, 0.2106
Android (android.graphics.Color)	4283146487 (0xFF4BA0F7)
YUV	144.5030, 50.5310, -60.9541
Hunter-Lab	57.7519, -1.3536, -54.7764

Details

The Hex color **4BA0F7** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F7A24B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8DD6FF**, and **006DBE** is the 20% darker color. If you saturate the color by 10%, you get **3294F7**, and if you desaturate by 10%, it is **64ACF7**.

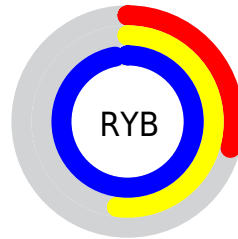
Distribution



Red (29%)

Green (63%)

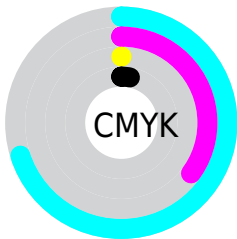
Blue (97%)



Red (29%)

Yellow (52%)

Blue (97%)

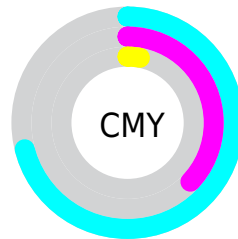


Cyan (70%)

Magenta (35%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (37%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA0F7 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 4BA0F7 by changing the saturation by 10% instead.

 4BA0F7

 4BA0F7


FFFFFF

 1D86DA

 8DD6FF

 006DBE

 ACF3FF

 0055A3

 CBFFFF

 003F88

 E9FFFF

 002A6E

 001655

 00063D

 000326

 000110

■ 4BA0F7

■ 4BA0F7

■ 3294F7

■ 64ACF7

■ 1A87F7

■ 7CB9F7

■ 017BF7

■ 95C5F7

■ 007AF7

■ AED2F7

■ C7DEF7

■ DFEBF7

■ F8F7F7

■ FFFFF7

Harmonies

Analogous

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



00ACEC



4BA0F7



A38FE9

Triad

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



4BA0F7



EE7B6E



46B070

Complementary

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



4BA0F7



F7A24B

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.



84A84C



4BA0F7



D88A4C

Square

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



4BA0F7



EF759B



B39B3D



00B39E

Rectangle

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



4BA0F7



C983D4



B39B3D



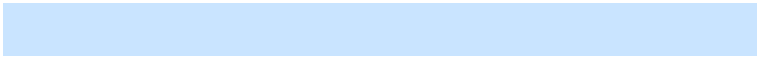
5EAE62

Sweetspot

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



4BA0F7



C9E4FF



4BF7A1



606F80



000000



808080

Same Dimension

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



4BA0F7



2993FF



4B4BF7



6E747A



005CBA



001D3B

Inverse Universe

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



F74BA0



FF2993



F7F74B



7A6E74



BA005C



3B001D

Previews

White Background



This preview shows how the Hex color 4BA0F7 looks on a white background.

Color Contrast Check

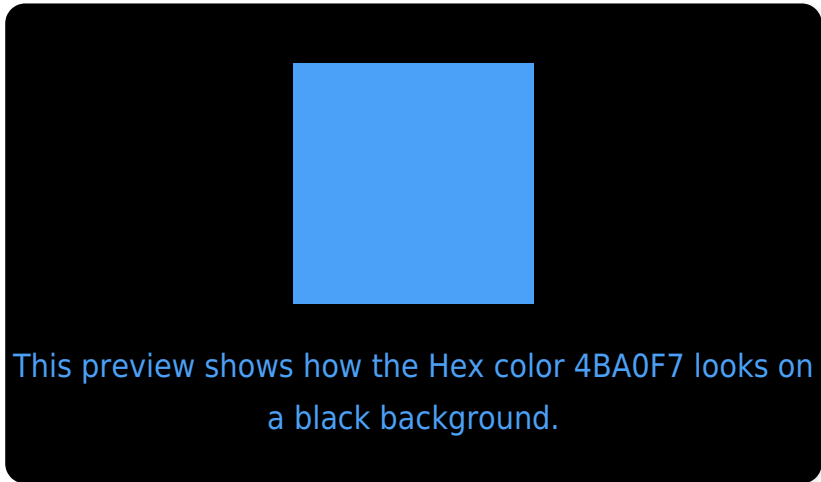
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

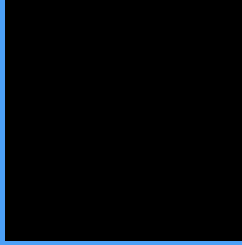
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

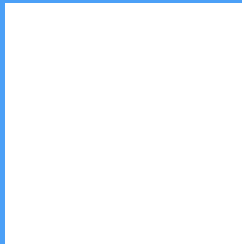
Any Text WCAG AAA ✓ Pass

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

Hex 4BA0F7 Background



This preview shows how black text looks on a background with the Hex color 4BA0F7.



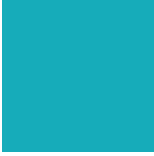
This preview shows how white text looks on a background with the Hex color 4BA0F7.

Color Blindness Simulation

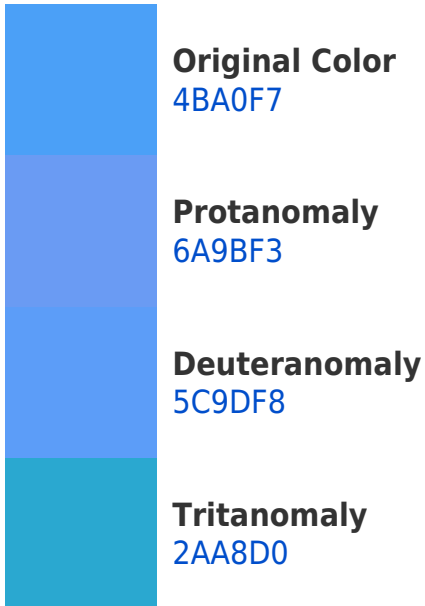
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

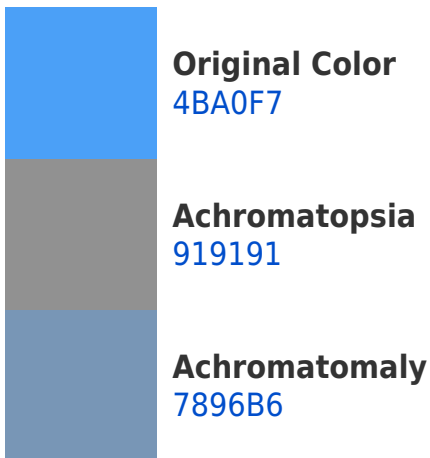




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA0F7 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 #4BA0F7 looks like.

```
.text, #text, p{  
    color:#4BA0F7  
}
```

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 #4BA0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA0F7
}
```

Border

The CSS property to change the border of an element to Hex 4BA0F7 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
#4BA0F7 }
```

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

```
.border{ border-color:#4BA0F7 }
```

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

Here you see how a box with a 4 pixel #4BA0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA0F7; -webkit-box-shadow:4px 4px  
4px 4px #4BA0F7; box-shadow:4px 4px 4px  
4px #4BA0F7 }
```

Background

The CSS property to change the background color of an element to Hex 4BA0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA0F7 }
```

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

```
.background{ background-color:#4BA0F7 }
```

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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