

Converting Colors

Hex(4B98F0)

Have a look what the booklet for
Hex(4B98F0) contains.

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Color

Hex(4B98F0)

Conversions

Conversions Part 1

Format	Color
Hex	4B98F0
RGB	75, 152, 240
RGB Percent	29%, 60%, 94%
CMY	0.7059, 0.4039, 0.0588
CMYK	0.69, 0.37, 0.00, 0.06
HSL	212°, 85%, 62%
HSV	212°, 69%, 94%
XYZ	29.8581, 30.2436, 86.7020
YIQ	139.0090, -74.1400, 11.0440

Conversions

Conversions Part 2

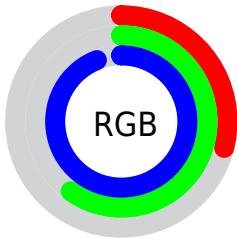
Format	Color
R _Y B	75, 128, 240
Decimal	4954352
CIE Lab	61.86, 4.27, -51.13
CIE LCh	62, 51.306, 274.779
Yxy	30.2436, 0.2034, 0.2060
Android (android.graphics.Color)	4283144432 (0xFF4B98F0)
YUV	139.0090, 49.7886, -56.1359
Hunter-Lab	54.9942, 0.6734, -54.9787

Details

The Hex color **4B98F0** 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 **F0A34B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8CCEFF**, and **0066B7** is the 20% darker color. If you saturate the color by 10%, you get **338BF0**, and if you desaturate by 10%, it is **63A5F0**.

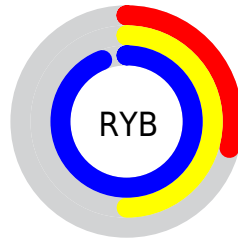
Distribution



Red (29%)

Green (60%)

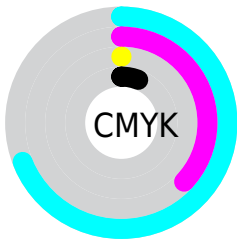
Blue (94%)



Red (29%)

Yellow (50%)

Blue (94%)

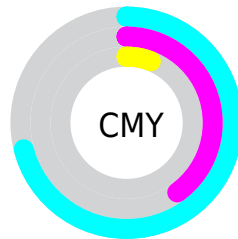


Cyan (69%)

Magenta (37%)

Yellow (0%)

Black (6%)



Cyan (71%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4B98F0 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 4B98F0 by changing the saturation by 10% instead.

 4B98F0

 4B98F0

FFFFFF

 1F7ED3

 8CCEFF

 0066B7

 ABEAFF

 004E9C

 C9FFFF

 003882

 E8FFFF

 002468

 000D4F

 000538

 000221

 000006

 4B98F0

 4B98F0

 338BF0

 63A5F0

 1B7EF0

 7BB2F0

 0372F0

 93BEF0

 0070F0

 ABCBF0

 C3D8F0

 DBE5F0

 F3F2F0

 FFFEF0

 FFFFF0

Harmonies

Analogous

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



00A4E7



4B98F0



A287E0

Triad

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



4B98F0



E57564



34A96D

Complementary

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



4B98F0



F0A34B

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.



79A247



4B98F0



CE8542

Square

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



4B98F0



E96D90



A89536



00AC9C

Rectangle

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



4B98F0



C67ACA



A89536



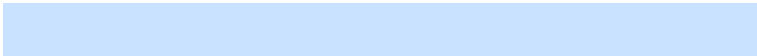
51A75F

Sweetspot

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



4B98F0



C9E2FF



4BF0A3



606F80



000000



808080

Same Dimension

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



4B98F0



2B8EFF



514BF0



6C7178



0056B8



001A38

Inverse Universe

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



F04B98



FF2B8E



EBF04B



786C71



B80056



38001A

Previews

White Background



This preview shows how the Hex color 4B98F0 looks on a white background.

Color Contrast Check

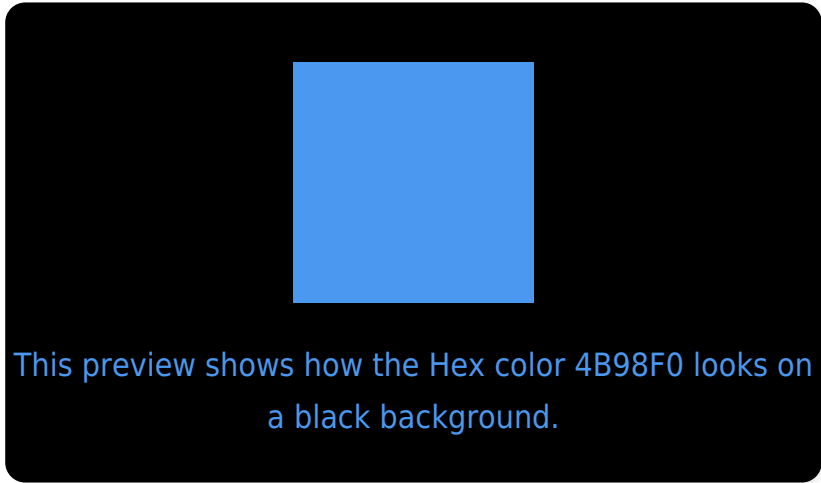
Large Text (above 18pt) WCAG AA × Fail

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

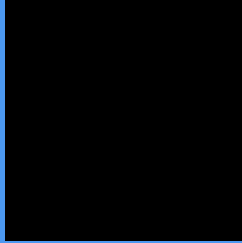
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

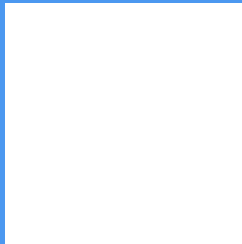
Any Text WCAG AAA ✓ Pass

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

Hex 4B98F0 Background



This preview shows how black text looks on a background with the Hex color 4B98F0.

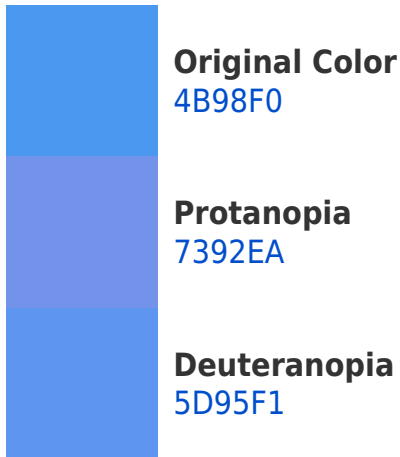


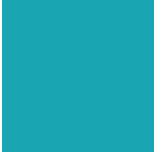
This preview shows how white text looks on a background with the Hex color 4B98F0.

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](#).

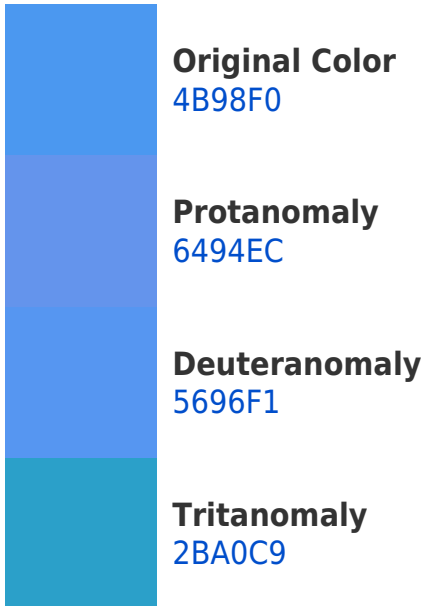
Dichromacy



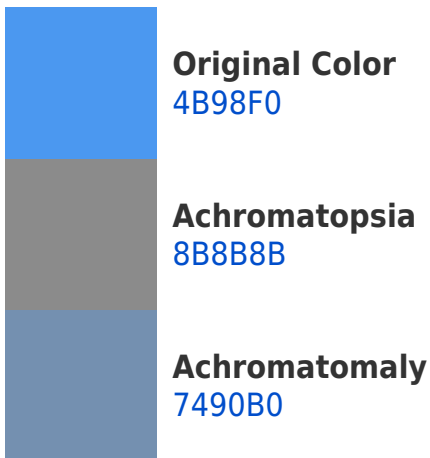


Tritanopia
19A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B98F0 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 #4B98F0 looks like.

```
.text, #text, p{  
    color:#4B98F0  
}
```

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 #4B98F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B98F0
}
```

Border

The CSS property to change the border of an element to Hex 4B98F0 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
#4B98F0 }
```

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

```
.border{ border-color:#4B98F0 }
```

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

Here you see how a box with a 4 pixel #4B98F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B98F0; -webkit-box-shadow:4px 4px  
4px 4px #4B98F0; box-shadow:4px 4px 4px  
4px #4B98F0 }
```

Background

The CSS property to change the background color of an element to Hex 4B98F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B98F0 }
```

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

```
.background{ background-color:#4B98F0 }
```

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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