

Converting Colors

Hex(4B88F7)

Have a look what the booklet for
Hex(4B88F7) contains.

Hex(4B88F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B88F7)

Conversions

Conversions Part 1

Format	Color
Hex	4B88F7
RGB	75, 136, 247
RGB Percent	29%, 53%, 97%
CMY	0.7059, 0.4667, 0.0314
CMYK	0.70, 0.45, 0.00, 0.03
HSL	219°, 91%, 63%
HSV	219°, 70%, 97%
XYZ	28.4943, 25.8196, 91.4776
YIQ	130.4150, -71.9870, 21.5890

Conversions

Conversions Part 2

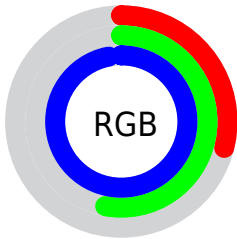
Format	Color
R _Y B	75, 120, 247
Decimal	4950263
CIE Lab	57.87, 16.25, -61.36
CIE LCh	58, 63.481, 284.835
Yxy	25.8196, 0.1954, 0.1771
Android (android.graphics.Color)	4283140343 (0xFF4B88F7)
YUV	130.4150, 57.4764, -48.5990
Hunter-Lab	50.8130, 11.1745, -71.1695

Details

The Hex color **4B88F7** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **F7BA4B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8DBDFF**, and **0057BE** is the 20% darker color. If you saturate the color by 10%, you get **3278F7**, and if you desaturate by 10%, it is **6498F7**.

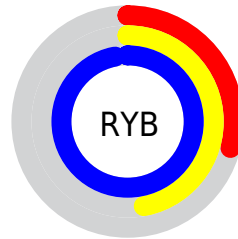
Distribution



Red (29%)

Green (53%)

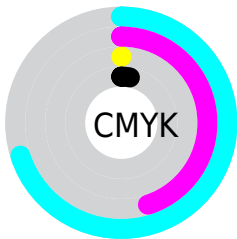
Blue (97%)



Red (29%)

Yellow (47%)

Blue (97%)

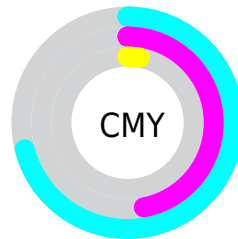


Cyan (70%)

Magenta (45%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (47%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B88F7 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 4B88F7 by changing the saturation by 10% instead.

 4B88F7

 4B88F7

FFFFFF

 1C6FDA

 8DBDFF

 0057BE

 ACD8FF

 0041A2

 CBF5FF

 002C87

 EAFFFF

 00196D

 000654

 00063C

 000225

 00010E

■ 4B88F7

■ 4B88F7

■ 3278F7

■ 6498F7

■ 1A68F7

■ 7CA8F7

■ 0158F7

■ 95B8F7

■ 0058F7

■ AEC8F7

■ C7D8F7

■ DFE8F7

■ F8F8F7

■ FFFFF7

Harmonies

Analogous

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



0099F6



4B88F7



B06FDA

Triad

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



4B88F7



E0663E



00A36C

Complementary

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



4B88F7



F7BA4B

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.



4B9D36



4B88F7



BD7E0F

Square

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



4B88F7



EF5472



8C9101



00A5A6

Rectangle

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



4B88F7



D45FBB



8C9101



00A259

Sweetspot

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



4B88F7



C9DCFF



4BF7B8



606B80



000000



808080

Same Dimension

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



4B88F7



2975FF



624BF7



6E737A



0042BA



00153B

Inverse Universe

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



F74B88



FF2975



E0F74B



7A6E73



BA0042



3B0015

Previews

White Background



This preview shows how the Hex color 4B88F7 looks on a white background.

Color Contrast Check

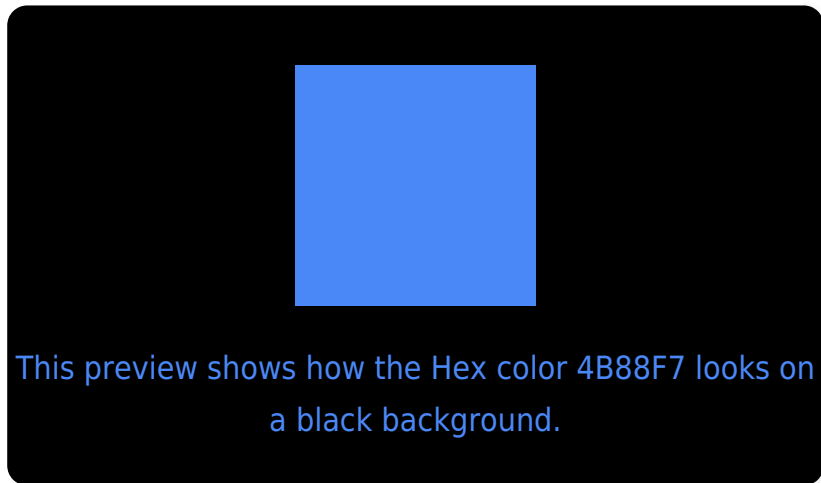
Large Text (above 18pt) WCAG AA ✓ Pass

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

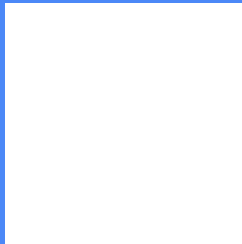
Any Text WCAG AAA × Fail

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

Hex 4B88F7 Background



This preview shows how black text looks on a background with the Hex color 4B88F7.



This preview shows how white text looks on a background with the Hex color 4B88F7.

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](#).

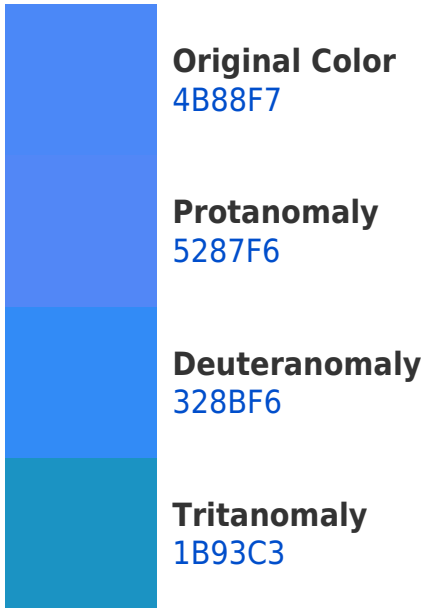
Dichromacy





Tritanopia
0099A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B88F7 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 #4B88F7 looks like.

```
.text, #text, p{  
  color:#4B88F7  
}
```

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 #4B88F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B88F7
}
```

Border

The CSS property to change the border of an element to Hex 4B88F7 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
#4B88F7 }
```

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

```
.border{ border-color:#4B88F7 }
```

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

Here you see how a box with a 4 pixel #4B88F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B88F7; -webkit-box-shadow:4px 4px  
4px 4px #4B88F7; box-shadow:4px 4px 4px  
4px #4B88F7 }
```

Background

The CSS property to change the background color of an element to Hex 4B88F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B88F7 }
```

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

```
.background{ background-color:#4B88F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor