

Converting Colors

Hex(4EB2F8)

Have a look what the booklet for
Hex(4EB2F8) contains.

Hex(4EB2F8)	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(4EB2F8)

Conversions

Conversions Part 1

Format	Color
Hex	4EB2F8
RGB	78, 178, 248
RGB Percent	31%, 70%, 97%
CMY	0.6941, 0.3020, 0.0275
CMYK	0.69, 0.28, 0.00, 0.03
HSL	205°, 92%, 64%
HSV	205°, 69%, 97%
XYZ	36.0056, 40.2378, 94.6759
YIQ	156.0800, -82.0700, 0.5700

Conversions

Conversions Part 2

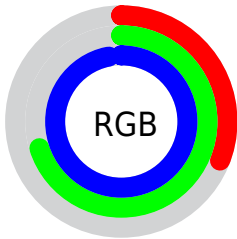
Format	Color
R _Y B	78, 141, 248
Decimal	5157624
CIE Lab	69.64, -7.35, -43.24
CIE LCh	70, 43.860, 260.353
Yxy	40.2378, 0.2107, 0.2354
Android (android.graphics.Color)	4283347704 (0xFF4EB2F8)
YUV	156.0800, 45.3166, -68.4762
Hunter-Lab	63.4333, -9.6893, -44.0887

Details

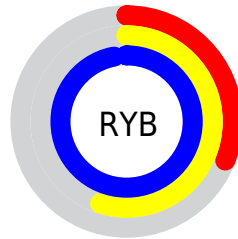
The Hex color **4EB2F8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F8944E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **90EAFF**, and **007EBF** is the 20% darker color. If you saturate the color by 10%, you get **35A8F8**, and if you desaturate by 10%, it is **67BCF8**.

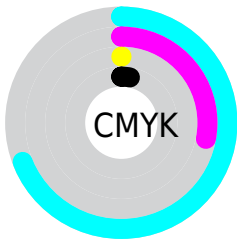
Distribution



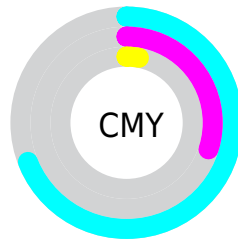
- Red (31%)
- Green (70%)
- Blue (97%)



- Red (31%)
- Yellow (55%)
- Blue (97%)



- Cyan (69%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



- Cyan (69%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB2F8 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 4EB2F8 by changing the saturation by 10% instead.

 4EB2F8

 4EB2F8

FFFFFF

 2297DB

 90EAF8

 007EBF

 AFFFFFF

 0065A4

 CDFFFF

 004D89

 ECFFFF

 00376F

 002257

 00063F

 000328

 000112

■ 4EB2F8

■ 4EB2F8

■ 35A8F8

■ 67BCF8

■ 1C9EF8

■ 80C6F8

■ 0493F8

■ 98D1F8

■ 0092F8

■ B1DBF8

■ CAE5F8

■ E3EFF8

■ FCF9F8

■ FFFFF8

Harmonies

Analogous

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



00BBE6



4EB2F8



9AA5F5

Triad

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



4EB2F8



F68B91



7AB976

Complementary

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



4EB2F8



F8944E

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.



A8B05D



4EB2F8



EA956E

Square

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



4EB2F8



EE8BB9



CEA35B



3DBE9B

Rectangle

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



4EB2F8



C09BE7



CEA35B



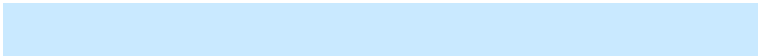
8AB76C

Sweetspot

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



4EB2F8



C9E9FF



4EF892



607280



000000



808080

Same Dimension

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



4EB2F8



2EA9FF



4E5FF8



70787D



006FBD



00243D

Inverse Universe

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



F84EB2



FF2EA9



F8E74E



7D7078



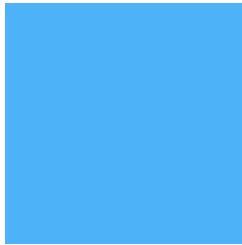
BD006F



3D0024

Previews

White Background



This preview shows how the Hex color 4EB2F8 looks on a white background.

Color Contrast Check

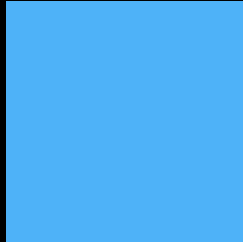
Large Text (above 18pt) WCAG AA × Fail

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 4EB2F8 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

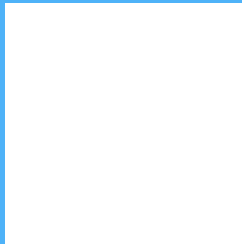
Any Text WCAG AAA ✓ Pass

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

Hex 4EB2F8 Background



This preview shows how black text looks on a background with the Hex color 4EB2F8.

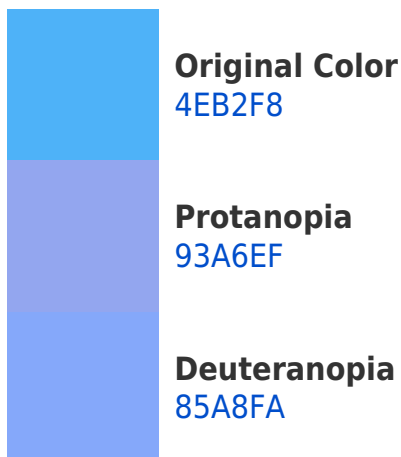


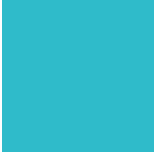
This preview shows how white text looks on a background with the Hex color 4EB2F8.

Color Blindness Simulation

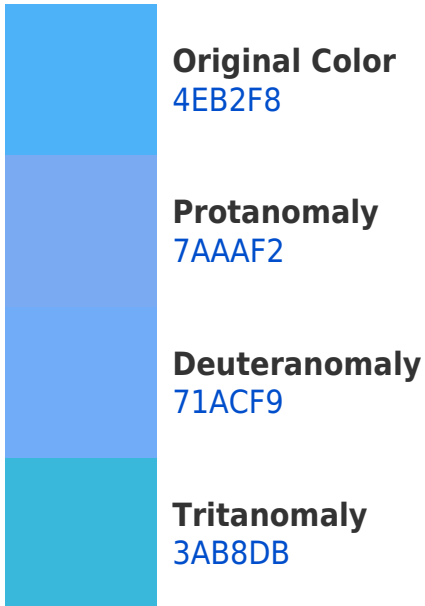
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

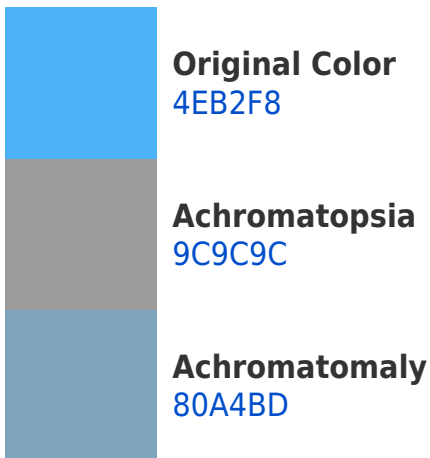




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB2F8 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 #4EB2F8 looks like.

```
.text, #text, p{  
    color:#4EB2F8  
}
```

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 #4EB2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB2F8  
}
```

Border

The CSS property to change the border of an element to Hex 4EB2F8 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  
#4EB2F8 }
```

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

```
.border{ border-color:#4EB2F8 }
```

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

Here you see how a box with a 4 pixel #4EB2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB2F8; -webkit-box-shadow:4px 4px  
4px 4px #4EB2F8; box-shadow:4px 4px 4px  
4px #4EB2F8 }
```

Background

The CSS property to change the background color of an element to Hex 4EB2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB2F8 }
```

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

```
.background{ background-color:#4EB2F8 }
```

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