

Converting Colors

Hex(3EECF8)

Have a look what the booklet for
Hex(3EECF8) contains.

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Color

Hex(3EECF8)

Conversions

Conversions Part 1

Format	Color
Hex	3EECF8
RGB	62, 236, 250
RGB Percent	24%, 93%, 98%
CMY	0.7569, 0.0745, 0.0196
CMYK	0.75, 0.06, 0.00, 0.02
HSL	184°, 95%, 61%
HSV	184°, 75%, 98%
XYZ	49.2374, 67.9172, 100.9567
YIQ	185.5700, -108.1980, -32.5340

Conversions

Conversions Part 2

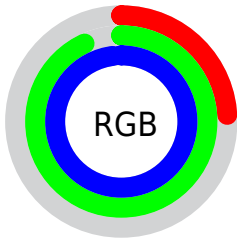
Format	Color
R _{YB}	62, 152, 250
Decimal	4123898
CIE Lab	85.97, -37.94, -19.22
CIE LCh	86, 42.531, 206.869
Yxy	67.9172, 0.2257, 0.3114
Android (android.graphics.Color)	4282313978 (0xFF3EECF8)
YUV	185.5700, 31.7640, -108.3709
Hunter-Lab	82.4119, -37.5751, -14.9435

Details

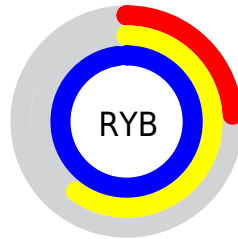
The Hex color **3EECF8** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA4C3E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8AFFFF**, and **00B4C2** is the 20% darker color. If you saturate the color by 10%, you get **25EAF8**, and if you desaturate by 10%, it is **57EEF8**.

Distribution



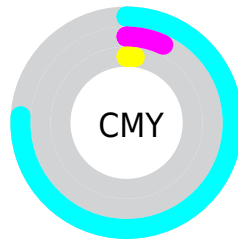
- Red (24%)
- Green (93%)
- Blue (98%)



- Red (24%)
- Yellow (60%)
- Blue (98%)



- Cyan (75%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (76%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EECF8 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 3EECF8 by changing the saturation by 10% instead.

 3EECF8

 3EECF8


FFFFFF

 00CFDD

 8AFFFF

 00B4C2

 AAAAAA

 0098A6

 CAAAAA

 007E8C

 EAAAAA

 006472

 004C5A

 003442

 001F2C

 000118

 3EECF8

 3EECF8

 25EAF8

 57EEF8

 0CE8F8

 70F0F8

 00E7F8

 89F2F8

 A2F3F8

 BBF5F8

 D4F7F8

 EDF9F8

 FFFBF8

 FFFDF8

Harmonies

Analogous

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



6AECD1



3EECF8



55E7FF

Triad

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



3EECFA



FFC0FF



F6D386

Complementary

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



3EECFA



FA4C3E

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.



FFC595



3EECFA



FFB8DD

Square

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



3EECFA



D6CEFF



FFBAB5



CDE08E

Rectangle

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



3EECF8



80E0FF



FFB6C1



FFD700

Sweetspot

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



3EECF8



C4FBFF



3EFA4B



5C7D80



000000



808080

Same Dimension

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



3EECFA



19EEFF



3E8FFA



707C7D



00AFBD



00393D

Inverse Universe

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



FA3EEC



FF19EE



FAA93E



7D707C



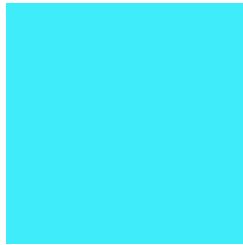
BD00AF



3D0039

Previews

White Background



This preview shows how the Hex color 3EECF8 looks on a white background.

Color Contrast Check

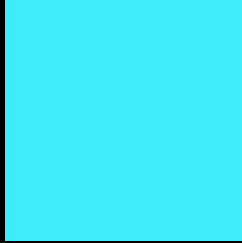
Large Text (above 18pt) WCAG AA × Fail

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 3EECF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

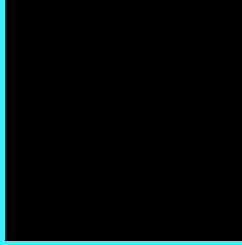
Any Text WCAG AA ✓ Pass

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 3EECF8 Background



This preview shows how black text looks on a background with the Hex color 3EECF8.

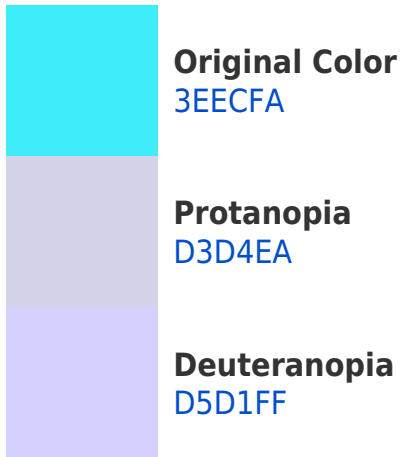


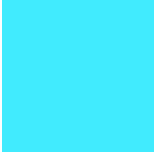
This preview shows how white text looks on a background with the Hex color 3EECF8.

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



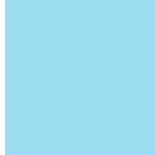


Tritanopia
41EBFE

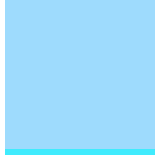
Trichromacy



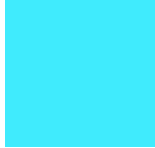
Original Color
3EECF8



Protanomaly
9DDDF0



Deuteranomaly
9EDBFD

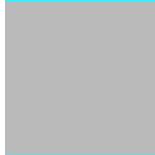


Tritanomaly
40EBFD

Monochromacy



Original Color
3EECF8



Achromatopsia
BABABA



Achromatomaly
8DCCD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EECF8 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 #3EECF8 looks like.

```
.text, #text, p{  
    color:#3EECF8  
}
```

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 #3EECF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EECF4 }  
}
```

Border

The CSS property to change the border of an element to Hex 3EECF4 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 #3EECF4 }  
}
```

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

```
.border{ border-color:#3EECFa }
```

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

Here you see how a box with a 4 pixel #3EECFa colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EECFa; -webkit-box-shadow:4px 4px  
4px 4px #3EECFa; box-shadow:4px 4px 4px  
4px #3EECFa }
```

Background

The CSS property to change the background color of an element to Hex 3EECF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EECF8 }
```

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

```
.background{ background-color:#3EECF8 }
```

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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