

Converting Colors

Hex(6EDEF8)

Have a look what the booklet for
Hex(6EDEF8) contains.

Hex(6EDEF8)	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(6EDEF8)

Conversions

Conversions Part 1

Format	Color
Hex	6EDEF8
RGB	110, 222, 250
RGB Percent	43%, 87%, 98%
CMY	0.5686, 0.1294, 0.0196
CMYK	0.56, 0.11, 0.00, 0.02
HSL	192°, 93%, 71%
HSV	192°, 56%, 98%
XYZ	49.8070, 62.4597, 99.8733
YIQ	191.7040, -75.7400, -15.0360

Conversions

Conversions Part 2

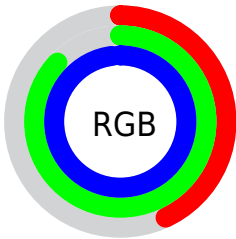
Format	Color
R _{YB}	110, 172, 250
Decimal	7266042
CIE Lab	83.16, -24.29, -23.36
CIE LCh	83, 33.706, 223.880
Yxy	62.4597, 0.2348, 0.2944
Android (android.graphics.Color)	4285456122 (0xFF6EDEF A)
YUV	191.7040, 28.7399, -71.6544
Hunter-Lab	79.0314, -25.8112, -19.6037

Details

The Hex color **6EDEF8** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FA8A6E**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **ABFFFF**, and **25A7C1** is the 20% darker color. If you saturate the color by 10%, you get **55D9FA**, and if you desaturate by 10%, it is **87E3FA**.

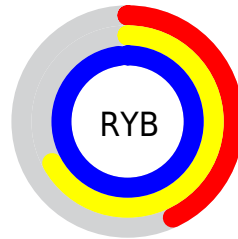
Distribution



Red (43%)

Green (87%)

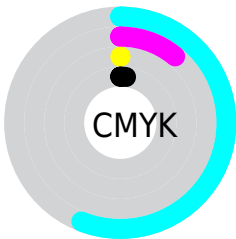
Blue (98%)



Red (43%)

Yellow (67%)

Blue (98%)

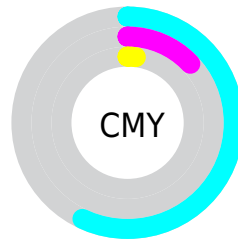


Cyan (56%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (57%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EDEF8 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 6EDEF8 by changing the saturation by 10% instead.

 6EDEF8

 6EDEF8

FFFFFF

 4DC2DD

 ABFFFF

 25A7C1

 C9FFFF

 008CA6

 E8FFFF

 00728C

 005A72

 00425A

 002B42

 00152C

 000117

 6EDEF8

 6EDEF8

 55D9F8

 87E3F8

 3CD4F8

 A0E8F8

 23CFF8

 B9EDF8

 0ACAFA

 D2F2FA

 00C8FA

 EBF7FA

 FFFCFA

 FFFFFA

Harmonies

Analogous

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



71E1DD



6EDEFA



8ED7FF

Triad

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



6EDEF8



F8AEE2



D8D291

Complementary

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



6EDEF8



F88040

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.



F5C793



6EDEF8



FFB8C1

Square

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



6EDEFA



E6C2FD



FFBDA5



B3DAA1

Rectangle

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



6EDEFA



ACD1FF



FFBDA5



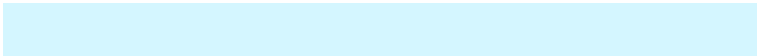
E2CE90

Sweetspot

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



6EDEFA



D4F6FF



6EFA8A



667A80



000000



808080

Same Dimension

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



6EDEF8



54DDFF



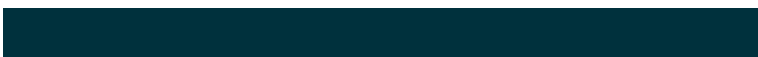
6E98FA



707A7D



0097BD



00313D

Inverse Universe

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



FA6EDE



FF54DD



FAD06E



7D707A



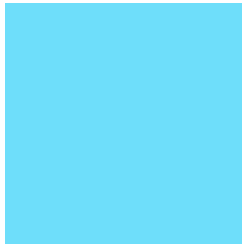
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 6EDEF8 looks on a white background.

Color Contrast Check

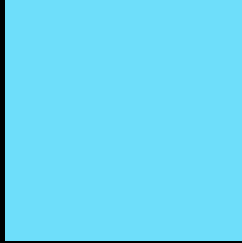
Large Text (above 18pt) WCAG AA × Fail

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 6EDEF8 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 6EDEF8 Background



This preview shows how black text looks on a background with the Hex color 6EDEF8.

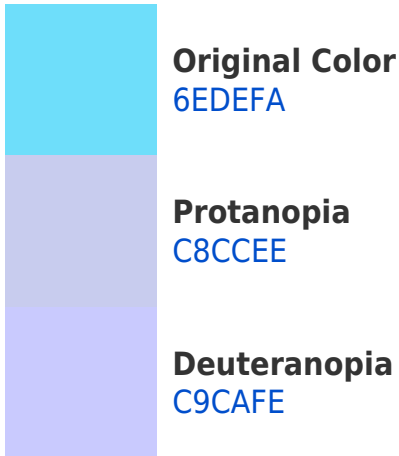


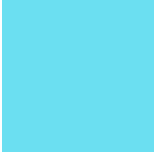
This preview shows how white text looks on a background with the Hex color 6EDEF8.

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](#).

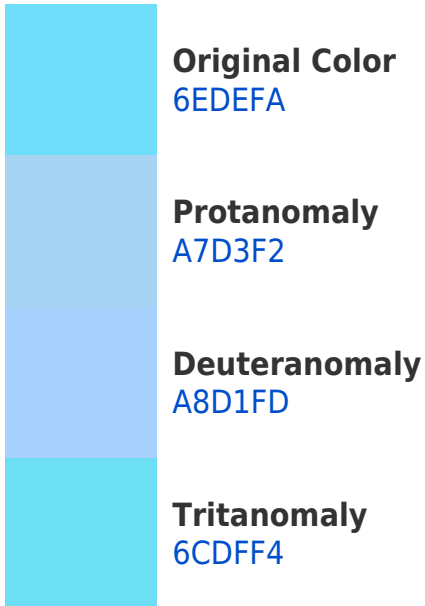
Dichromacy



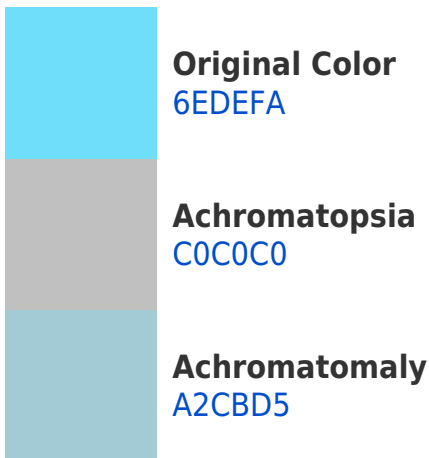


Tritanopia
6BDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EDEF8 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 #6EDEF8 looks like.

```
.text, #text, p{  
    color:#6EDEF8  
}
```

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 #6EDEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EDEF8  
}
```

Border

The CSS property to change the border of an element to Hex 6EDEF8 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  
#6EDEF8 }
```

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

```
.border{ border-color:#6EDEF8 }
```

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

Here you see how a box with a 4 pixel #6EDEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EDEF8; -webkit-box-shadow:4px 4px  
4px 4px #6EDEF8; box-shadow:4px 4px 4px  
4px #6EDEF8 }
```

Background

The CSS property to change the background color of an element to Hex 6EDEF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EDEF8 }
```

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

```
.background{ background-color:#6EDEF8 }
```

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