

Converting Colors

Hex(6DEFEF)

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

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Color

Hex(6DEFEF)

Conversions

Conversions Part 1

Format	Color
Hex	6DEFEF
RGB	109, 239, 239
RGB Percent	43%, 94%, 94%
CMY	0.5725, 0.0627, 0.0627
CMYK	0.54, 0.00, 0.00, 0.06
HSL	180°, 80%, 68%
HSV	180°, 54%, 94%
XYZ	52.7532, 71.2162, 92.6271
YIQ	200.1300, -77.4800, -27.5600

Conversions

Conversions Part 2

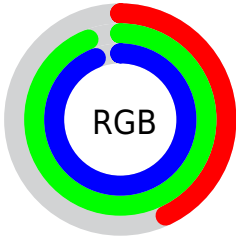
Format	Color
RYB	109, 174, 239
Decimal	7204847
CIELab	87.59, -35.60, -10.90
CIELCh	88, 37.237, 197.025
Yxy	71.2162, 0.2436, 0.3288
Android (android.graphics.Color)	4285394927 (0xFF6DEFEF)
YUV	200.1300, 19.1629, -79.9210
Hunter-Lab	84.3897, -36.0992, -6.0046

Details

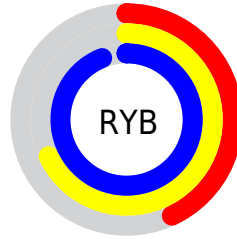
The Hex color **6DEFEF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EF6D6D**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **ABFFFF**, and **21B7B7** is the 20% darker color. If you saturate the color by 10%, you get **55EFEF**, and if you desaturate by 10%, it is **85EFEF**.

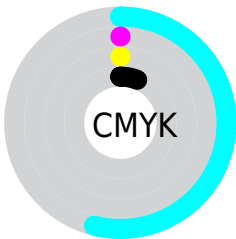
Distribution



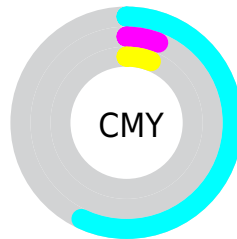
- Red (43%)
- Green (94%)
- Blue (94%)



- Red (43%)
- Yellow (68%)
- Blue (94%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (57%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

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

 6DEFEF

 6DEFEF

FFFFFF

 4CD2D3

 ABFFFF

 21B7B7

 C9FFFF

 009B9C

 E8FFFF

 008182

 006769

 004E51

 00373A

 002324

 000110

 6DEFEF

 6DEFEF

 55EFEF

 85EFEF

 3DEFEF

 9DEFEF

 25EFEF

 B5EFEF

 0DEFEF

 CDEFEF

 00EFEF

 E4EFEF

 FCEF EF

 FFEF EF

Harmonies

Analogous

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



8EEECA



6DEFEF



6DECFE

Triad

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



6DEFEF



F9CBFF



FFD497

Complementary

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



6DEFEF



EF6D6D

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.



FFC9A9



6DEFEF



FFC3EC

Square

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



6DEFEF



CBD8FF



FFC2C8



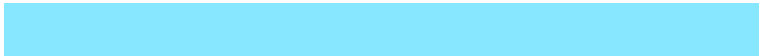
E0E097

Rectangle

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



6DEFEF



86E7FF



FFC2C8



FFD09B

Sweetspot

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



6DEFEF



D6FFFF



6DEF6D



678080



000000



808080

Same Dimension

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



6DEFEF



59FFFF



6DAEEF



6C7878



00B8B8



003838

Inverse Universe

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



EF6DEF



FF59FF



EFAE6D



786C78



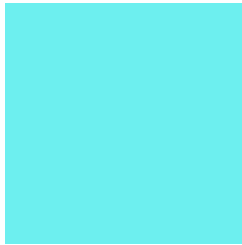
B800B8



380038

Previews

White Background



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

Color Contrast Check

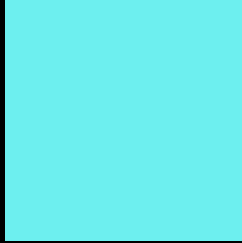
Large Text (above 18pt) WCAG AA × Fail

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 6DEFEF 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 6DEFEF Background



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

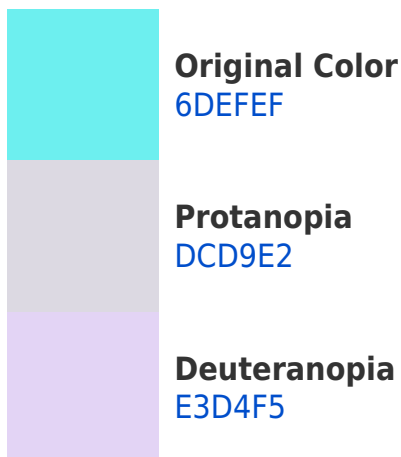


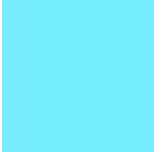
This preview shows how white text looks on a background with the Hex color 6DEFEF.

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
76ECFF

Trichromacy



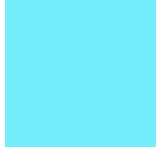
Original Color
6DEFEF



Protanomaly
B4E1E7



Deuteranomaly
B8DEF3

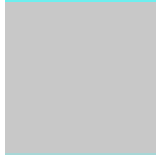


Tritanomaly
73EDF9

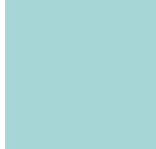
Monochromacy



Original Color
6DEFEF



Achromatopsia
C8C8C8



Achromatomaly
A7D6D6

CSS Examples

Text

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

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

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 #6DEFEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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