

Converting Colors

Hex(6FD3EF)

Have a look what the booklet for
Hex(6FD3EF) contains.

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Color

Hex(6FD3EF)

Conversions

Conversions Part 1

Format	Color
Hex	6FD3EF
RGB	111, 211, 239
RGB Percent	44%, 83%, 94%
CMY	0.5647, 0.1725, 0.0627
CMYK	0.54, 0.12, 0.00, 0.06
HSL	193°, 80%, 69%
HSV	193°, 54%, 94%
XYZ	45.4298, 56.2000, 90.1146
YIQ	184.2920, -68.5880, -12.4920

Conversions

Conversions Part 2

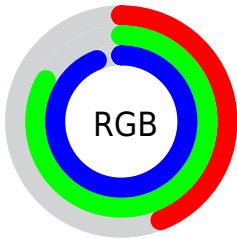
Format	Color
RYB	111, 167, 239
Decimal	7328751
CIELab	79.73, -21.68, -22.73
CIElCh	80, 31.414, 226.348
Yxy	56.2000, 0.2369, 0.2931
Android (android.graphics.Color)	4285518831 (0xFF6FD3EF)
YUV	184.2920, 26.9710, -64.2771
Hunter-Lab	74.9667, -23.0207, -18.7936

Details

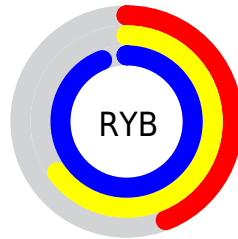
The Hex color **6FD3EF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EF8B6F**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ABFFFF**, and **2C9CB7** is the 20% darker color. If you saturate the color by 10%, you get **57CEEF**, and if you desaturate by 10%, it is **87D8EF**.

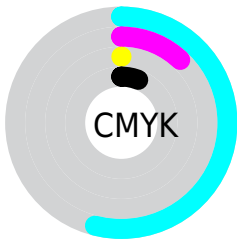
Distribution



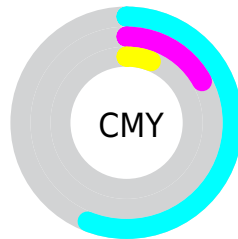
- Red (44%)
- Green (83%)
- Blue (94%)



- Red (44%)
- Yellow (65%)
- Blue (94%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FD3EF 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 6FD3EF by changing the saturation by 10% instead.

 6FD3EF

 6FD3EF

FFFFFF

 50B7D3

 ABFFFF

 2C9CB7

 C8FFFF

 00829C

 E6FFFF

 006982

 005069

 003951

 002439

 000224

 00000C

 6FD3EF

 6FD3EF

 57CEEf

 87D8EF

 3FC9EF

 9FDDEF

 27C3EF

 B7E3EF

 0FBEEF

 CFE8EF

 00BBEF

 E6EDEF

 FEF2EF

 FFF8EF

 FFFDEF

 FFFFEF

Harmonies

Analogous

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



6FD6D5



6FD3EF



8DCCFE

Triad

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



6FD3EF



F7B1D4



CAC98D

Complementary

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



6FD3EF



EF8B6F

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.



E7BF8D



6FD3EF



FFB0B6

Square

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



6FD3EF



DEB9EE



FAB69C



A9D19C

Rectangle

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



6FD3EF



A9C6FF



FAB69C



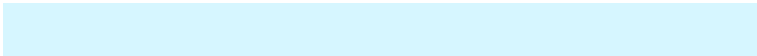
D4C68B

Sweetspot

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



6FD3EF



D6F6FF



6FEF8B



677A80



000000



808080

Same Dimension

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



6FD3EF



5CDBFF



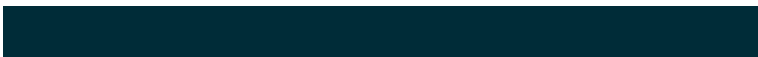
6F93EF



6C7578



008FB8



002C38

Inverse Universe

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



EF6FD3



FF5CDB



EFCB6F



786C75



B8008F



38002C

Previews

White Background



This preview shows how the Hex color 6FD3EF looks on a white background.

Color Contrast Check

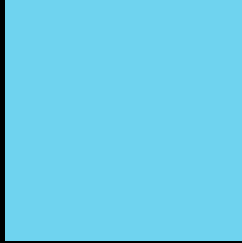
Large Text (above 18pt) WCAG AA × Fail

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 6FD3EF 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 6FD3EF Background



This preview shows how black text looks on a background with the Hex color 6FD3EF.



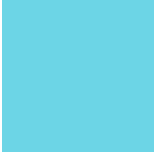
This preview shows how white text looks on a background with the Hex color 6FD3EF.

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](#).

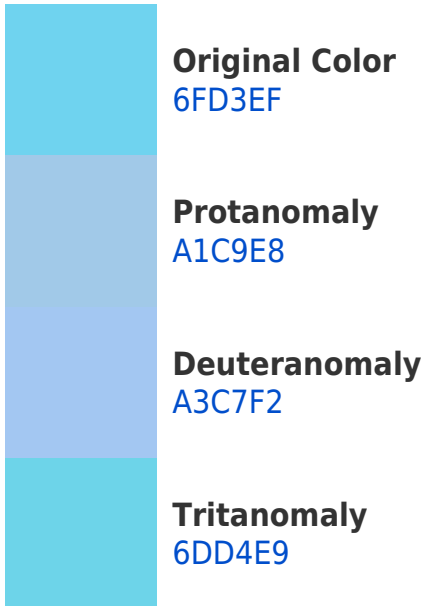
Dichromacy



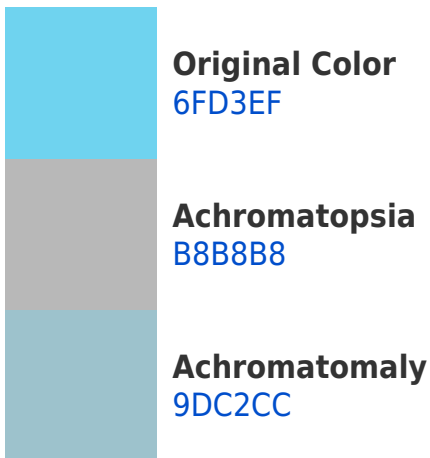


Tritanopia
6CD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FD3EF 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 #6FD3EF looks like.

```
.text, #text, p{  
    color:#6FD3EF  
}
```

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 #6FD3EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD3EF
}
```

Border

The CSS property to change the border of an element to Hex 6FD3EF 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
#6FD3EF }
```

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

```
.border{ border-color:#6FD3EF }
```

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

Here you see how a box with a 4 pixel #6FD3EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD3EF; -webkit-box-shadow:4px 4px  
4px 4px #6FD3EF; box-shadow:4px 4px 4px  
4px #6FD3EF }
```

Background

The CSS property to change the background color of an element to Hex 6FD3EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD3EF }
```

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

```
.background{ background-color:#6FD3EF }
```

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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