

Converting Colors

Hex(66DAEF)

Have a look what the booklet for
Hex(66DAEF) contains.

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Color

Hex(66DAEF)

Conversions

Conversions Part 1

Format	Color
Hex	66DAEF
RGB	102, 218, 239
RGB Percent	40%, 85%, 94%
CMY	0.6000, 0.1451, 0.0627
CMYK	0.57, 0.09, 0.00, 0.06
HSL	189°, 81%, 67%
HSV	189°, 57%, 94%
XYZ	46.1309, 59.1996, 90.6567
YIQ	185.7100, -75.8770, -18.0610

Conversions

Conversions Part 2

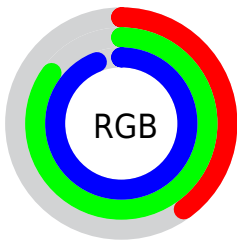
Format	Color
RYB	102, 165, 239
Decimal	6740719
CIELab	81.40, -26.90, -20.22
CIELCh	81, 33.649, 216.933
Yxy	59.1996, 0.2354, 0.3021
Android (android.graphics.Color)	4284930799 (0xFF66DAEF)
YUV	185.7100, 26.2720, -73.4137
Hunter-Lab	76.9413, -27.6258, -16.0000

Details

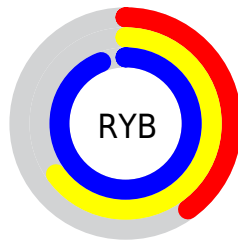
The Hex color **66DAEF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EF7B66**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A3FFFF**, and **16A3B7** is the 20% darker color. If you saturate the color by 10%, you get **4ED6EF**, and if you desaturate by 10%, it is **7EDEEF**.

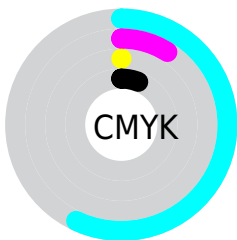
Distribution



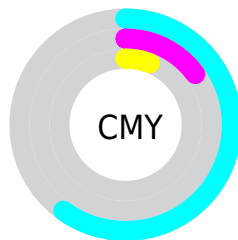
- Red (40%)
- Green (85%)
- Blue (94%)



- Red (40%)
- Yellow (65%)
- Blue (94%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (60%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66DAEF 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 66DAEF by changing the saturation by 10% instead.

 66DAEF

 66DAEF

FFFFFF

 44BED3


 A3FFFF

 16A3B7

 C2FFFF

 00889C

 E0FFFF

 006F82

FEFFFF

 005669

 003E51

 00283A

 000C24

 00010D

66DAEF

66DAEF

4ED6EF

7EDEEF

36D3EF

96E1EF

1ECFEF

AEE5EF

06CBEF

C6E9EF

00CAEF

DDECEF

F5F0EF

FFF4EF

FFF7EF

FFFB EF

Harmonies

Analogous

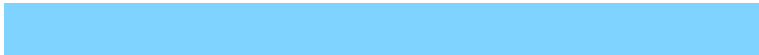
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71DCD1



66DAEF



7FD4FF

Triad

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



66DAEF



F9B6E4



D9CB8B

Complementary

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



66DAEF



EF7B66

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.



F5C091



66DAEF



FFB3C4

Square

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



66DAEF



D8C0FD



FFB7A6



B7D497

Rectangle

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



66DAEF



9CCEFF



FFB7A6



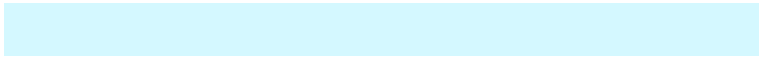
E4C78B

Sweetspot

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



66DAEF



D4F8FF



66EF7B



667C80



000000



808080

Same Dimension

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



66DAEF



4FE4FF



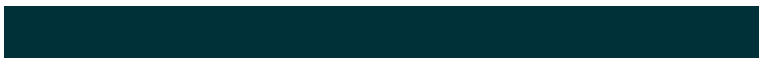
6696EF



6C7678



009BB8



003038

Inverse Universe

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



EF66DA



FF4FE4



EFBF66



786C76



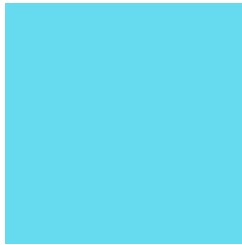
B8009B



380030

Previews

White Background



This preview shows how the Hex color 66DAEF looks on a white background.

Color Contrast Check

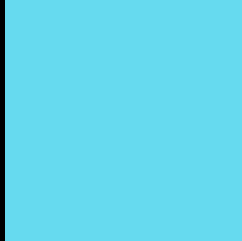
Large Text (above 18pt) WCAG AA × Fail

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 66DAEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

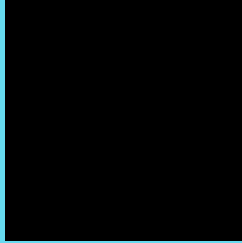
Any Text WCAG AA ✓ Pass

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 66DAEF Background



This preview shows how black text looks on a background with the Hex color 66DAEF.

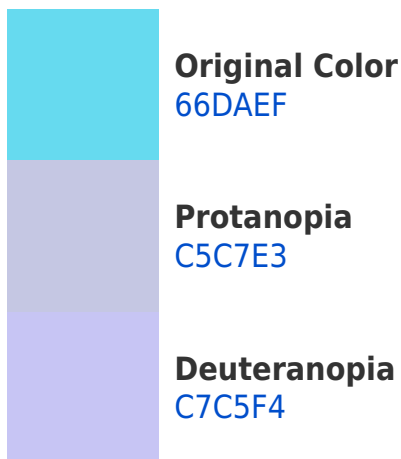


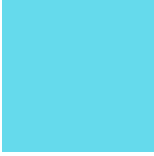
This preview shows how white text looks on a background with the Hex color 66DAEF.

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](#).

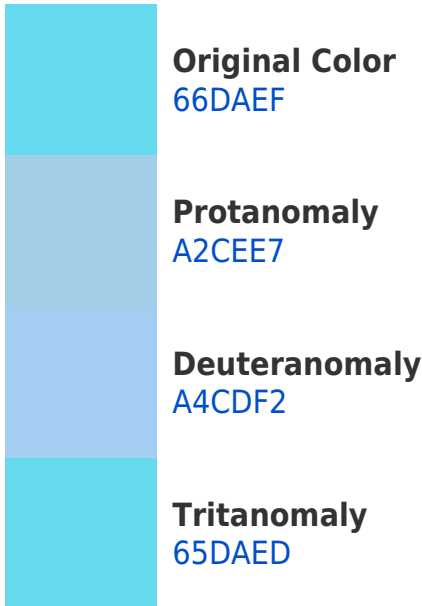
Dichromacy



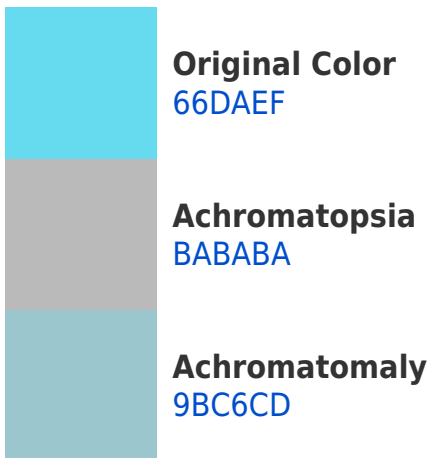


Tritanopia
65DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66DAEF 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 #66DAEF looks like.

```
.text, #text, p{  
    color:#66DAEF  
}
```

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 #66DAEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DAEF
}
```

Border

The CSS property to change the border of an element to Hex 66DAEF 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
#66DAEF }
```

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

```
.border{ border-color:#66DAEF }
```

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

Here you see how a box with a 4 pixel #66DAEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DAEF; -webkit-box-shadow:4px 4px  
4px 4px #66DAEF; box-shadow:4px 4px 4px  
4px #66DAEF }
```

Background

The CSS property to change the background color of an element to Hex 66DAEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DAEF }
```

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

```
.background{ background-color:#66DAEF }
```

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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