

Converting Colors

Hex(66FFE5)

Have a look what the booklet for
Hex(66FFE5) contains.

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Color

Hex(66FFE5)

Conversions

Conversions Part 1

Format	Color
Hex	66FFE5
RGB	102, 255, 229
RGB Percent	40%, 100%, 90%
CMY	0.6000, 0.0000, 0.1020
CMYK	0.60, 0.00, 0.10, 0.00
HSL	170°, 100%, 70%
HSV	170°, 60%, 100%
XYZ	55.3823, 80.0019, 86.6517
YIQ	206.2890, -82.8420, -40.5220

Conversions

Conversions Part 2

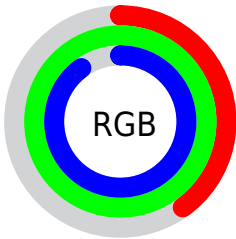
Format	Color
RYB	102, 186, 255
Decimal	6750181
CIELab	91.69, -46.54, 0.33
CIELCh	92, 46.544, 179.600
Yxy	80.0019, 0.2494, 0.3603
Android (android.graphics.Color)	4284940261 (0xFF66FFE5)
YUV	206.2890, 11.1965, -91.4615
Hunter-Lab	89.4438, -46.0019, 5.1715

Details

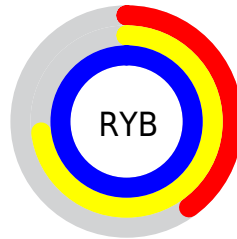
The Hex color **66FFE5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6680**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **A6FFFF**, and **00C5AE** is the 20% darker color. If you saturate the color by 10%, you get **4DFFE1**, and if you desaturate by 10%, it is **80FFE9**.

Distribution



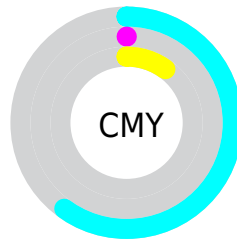
- Red (40%)
- Green (100%)
- Blue (90%)



- Red (40%)
- Yellow (73%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FFE5 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 66FFE5 by changing the saturation by 10% instead.

 66FFE5

FFFFFF

 A6FFFF

 C5FFFF

 E4FFFF

 66FFE5

 42E2C9

 00C5AE

 00AA93

 008F79

 007461

 005B49

 004233

 002C1D

 000C05

 66FFE5

 66FFE5

 4DFFE1

 80FFE9

 33FFDC

 99FFEE

 19FFD8

 B3FFF2

 00FFD4

 CCFFF6

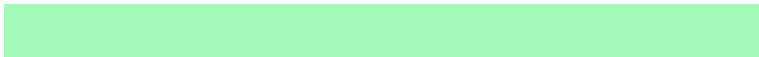
 E6FFFB

FFFFFF

Harmonies

Analogous

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



A2FBB8



66FFE5



2FFEFF

Triad

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



66FFE5



EBDCFF



FFD59B

Complementary

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



66FFE5



FF6680

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.



FFC8BD



66FFE5



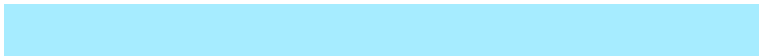
FFCDFF

Square

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



66FFE5



A6ECFF



FFC5E9



FFE48D

Rectangle

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



66FFE5



40FAFF



FFC5E9



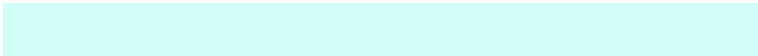
FFD0A5

Sweetspot

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



66FFE5



D1FFF7



82FF66



63807B



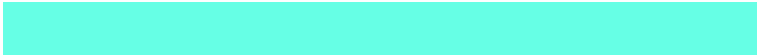
000000



808080

Same Dimension

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



66FFE5



47FFE0



66CFFF



73807D



00BF9F



004035

Inverse Universe

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



FF6680



FF4767



FF9666



807375



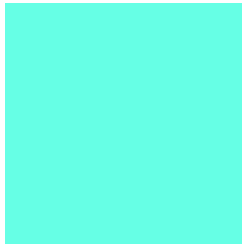
BF0020



40000B

Previews

White Background



This preview shows how the Hex color 66FFE5 looks on a white background.

Color Contrast Check

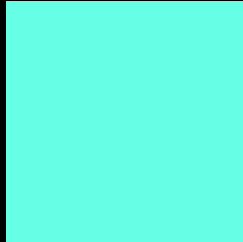
Large Text (above 18pt) WCAG AA × Fail

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 66FFE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

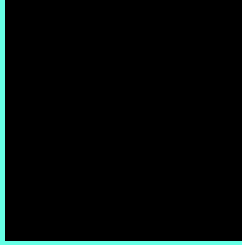
Any Text WCAG AA ✓ Pass

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 66FFE5 Background



This preview shows how black text looks on a background with the Hex color 66FFE5.

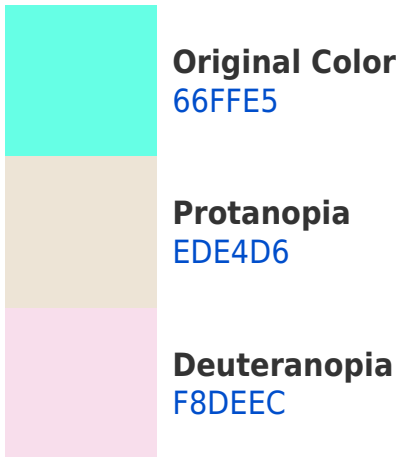


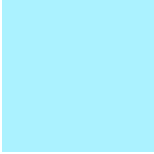
This preview shows how white text looks on a background with the Hex color 66FFE5.

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



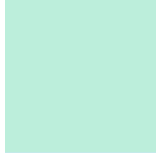


Tritanopia
ABF2FF

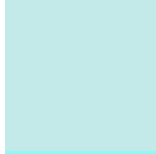
Trichromacy



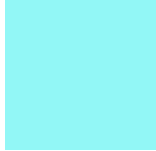
Original Color
66FFE5



Protanomaly
BCEEDB

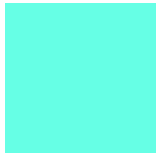


Deuteranomaly
C3EAE9

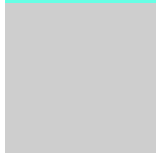


Tritanomaly
92F7F6

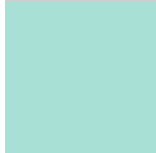
Monochromacy



Original Color
66FFE5



Achromatopsia
CECECE



Achromatomaly
A8E0D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FFE5 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 #66FFE5 looks like.

```
.text, #text, p{  
    color:#66FFE5  
}
```

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 #66FFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FFE5  
}
```

Border

The CSS property to change the border of an element to Hex 66FFE5 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  
#66FFE5 }
```

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

```
.border{ border-color:#66FFE5 }
```

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

Here you see how a box with a 4 pixel #66FFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FFE5; -webkit-box-shadow:4px 4px  
4px 4px #66FFE5; box-shadow:4px 4px 4px  
4px #66FFE5 }
```

Background

The CSS property to change the background color of an element to Hex 66FFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FFE5 }
```

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

```
.background{ background-color:#66FFE5 }
```

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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