

Converting Colors

Hex(46E9F6)

Have a look what the booklet for
Hex(46E9F6) contains.

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Color

Hex(46E9F6)

Conversions

Conversions Part 1

Format	Color
Hex	46E9F6
RGB	70, 233, 246
RGB Percent	27%, 91%, 96%
CMY	0.7255, 0.0863, 0.0353
CMYK	0.72, 0.05, 0.00, 0.04
HSL	184°, 91%, 62%
HSV	184°, 72%, 96%
XYZ	48.2993, 66.2337, 97.4275
YIQ	185.7450, -101.3210, -30.5130

Conversions

Conversions Part 2

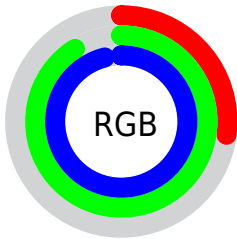
Format	Color
R_{YB}	70, 155, 246
Decimal	4647414
CIE _{Lab}	85.12, -36.84, -18.39
CIE _{LCh}	85, 41.178, 206.522
Yxy	66.2337, 0.2279, 0.3125
Android (android.graphics.Color)	4282837494 (0xFF46E9F6)
YUV	185.7450, 29.7057, -101.5084
Hunter-Lab	81.3841, -36.4873, -14.0091

Details

The Hex color **46E9F6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F65346**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8EFFFF**, and **00B1BE** is the 20% darker color. If you saturate the color by 10%, you get **2DE7F6**, and if you desaturate by 10%, it is **5FEBF6**.

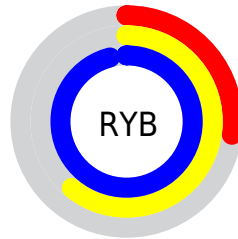
Distribution



Red (27%)

Green (91%)

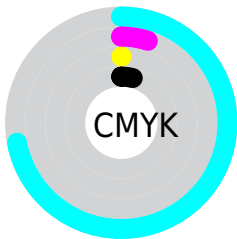
Blue (96%)



Red (27%)

Yellow (61%)

Blue (96%)

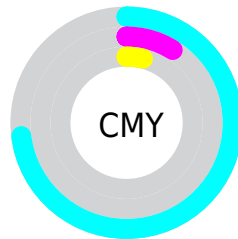


Cyan (72%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46E9F6 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 46E9F6 by changing the saturation by 10% instead.

 46E9F6

 46E9F6

FFFFFF

 00CDDA

 8EFFFF

 00B1BE

 AEFFFF

 0096A3

 CDFFFF

 007B88

 EDFFFF

 00626F

 004957

 00323F

 001C29

 000115

 46E9F6

 46E9F6

 2DE7F6

 5FEBF6

 15E5F6

 77EDF6

 00E4F6

 90EEF6

 A8F0F6

 C1F2F6

 DAF4F6

 F2F6F6

 FFF8F6

 FFF9F6

Harmonies

Analogous

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



6DE9CF



46E9F6



5AE4FF

Triad

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



46E9F6



FFBFFF



F3D187

Complementary

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



46E9F6



F65346

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.



FFC395



46E9F6



FFB7DB

Square

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



46E9F6



D3CCFF



FFB9B4



CBDD8E

Rectangle

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



46E9F6



82DEFF



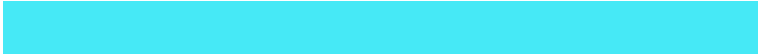
FFB9B4



FECC89

Sweetspot

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



46E9F6



C9FBFF



46F652



607D80



000000



808080

Same Dimension

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



46E9F6



24EFFF



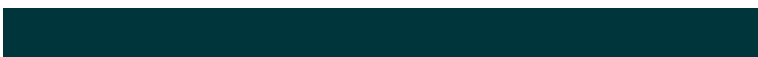
4692F6



6E797A



00ACBA



00363B

Inverse Universe

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



F646E9



FF24EF



F6AA46



7A6E79



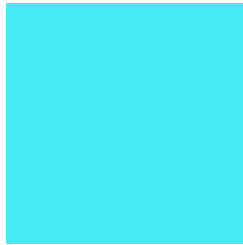
BA00AC



3B0036

Previews

White Background



This preview shows how the Hex color 46E9F6 looks on a white background.

Color Contrast Check

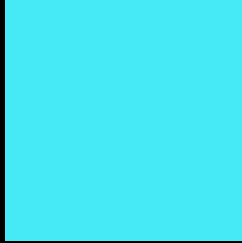
Large Text (above 18pt) WCAG AA × Fail

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 46E9F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

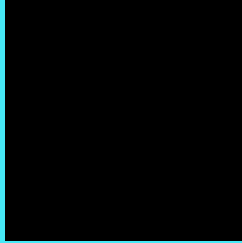
Any Text WCAG AA ✓ Pass

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 46E9F6 Background



This preview shows how black text looks on a background with the Hex color 46E9F6.

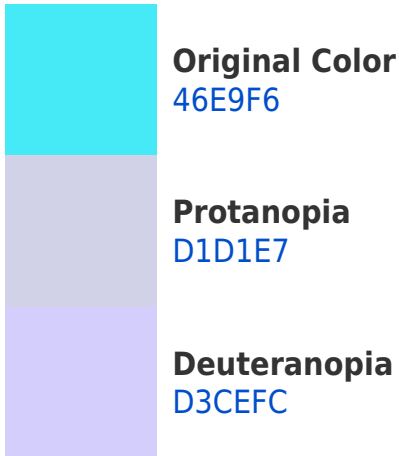


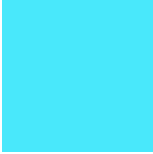
This preview shows how white text looks on a background with the Hex color 46E9F6.

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



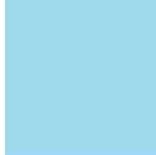


Tritanopia
49E8FB

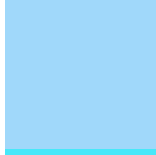
Trichromacy



Original Color
46E9F6



Protanomaly
9EDAEC



Deuteranomaly
A0D8FA

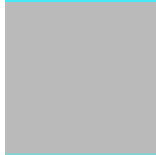


Tritanomaly
48E8F9

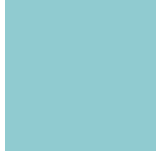
Monochromacy



Original Color
46E9F6



Achromatopsia
BABABA



Achromatomaly
90CBD0

CSS Examples

Text

The CSS property to change the color of the text to Hex 46E9F6 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 #46E9F6 looks like.

```
.text, #text, p{  
    color:#46E9F6  
}
```

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 #46E9F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46E9F6
}
```

Border

The CSS property to change the border of an element to Hex 46E9F6 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
#46E9F6 }
```

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

```
.border{ border-color:#46E9F6 }
```

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

Here you see how a box with a 4 pixel #46E9F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46E9F6; -webkit-box-shadow:4px 4px  
4px 4px #46E9F6; box-shadow:4px 4px 4px  
4px #46E9F6 }
```

Background

The CSS property to change the background color of an element to Hex 46E9F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46E9F6 }
```

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

```
.background{ background-color:#46E9F6 }
```

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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