

Converting Colors

Hex(48E8FF)

Have a look what the booklet for
Hex(48E8FF) contains.

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Color

Hex(48E8FF)

Conversions

Conversions Part 1

Format	Color
Hex	48E8FF
RGB	72, 232, 255
RGB Percent	28%, 91%, 100%
CMY	0.7176, 0.0902, 0.0000
CMYK	0.72, 0.09, 0.00, 0.00
HSL	188°, 100%, 64%
HSV	188°, 72%, 100%
XYZ	49.5791, 66.3109, 104.7939
YIQ	186.7820, -102.7430, -26.7670

Conversions

Conversions Part 2

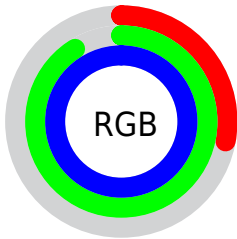
Format	Color
RYB	72, 157, 255
Decimal	4778239
CIELab	85.15, -33.52, -23.06
CIELCh	85, 40.686, 214.525
Yxy	66.3109, 0.2247, 0.3005
Android (android.graphics.Color)	4282968319 (0xFF48E8FF)
YUV	186.7820, 33.6315, -100.6638
Hunter-Lab	81.4315, -33.8265, -19.2980

Details

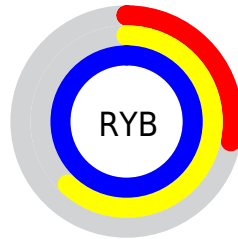
The Hex color **48E8FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF5F48**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **90FFFF**, and **00B0C6** is the 20% darker color. If you saturate the color by 10%, you get **2FE5FF**, and if you desaturate by 10%, it is **62EBFF**.

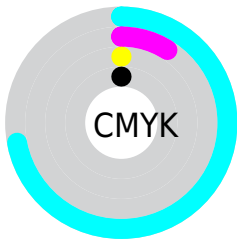
Distribution



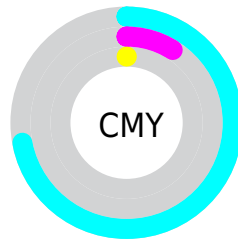
- Red (28%)
- Green (91%)
- Blue (100%)



- Red (28%)
- Yellow (62%)
- Blue (100%)



- Cyan (72%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E8FF 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 48E8FF by changing the saturation by 10% instead.

 48E8FF

 48E8FF

FFFFFF

 02CCE2

 90FFFF

 00B0C6

 B0FFFF

 0095AB

 D0FFFF

 007B90

 EFFFFF

 006177

 00495E

 003246

 001C30

 00011B

 48E8FF

 48E8FF


 2FE5FF

 62EBFF

 15E2FF

 7BEEFF

 00DFFF

 94F2FF

 AEF5FF

 C8F8FF

 E1FBFF

 FBFEFF

FFFFFF

Harmonies

Analogous

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



63EAD9



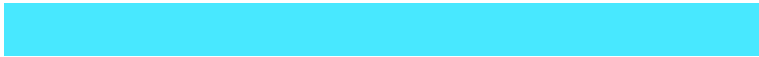
48E8FF



6BE2FF

Triad

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



48E8FF



FFBCF7



E9D487

Complementary

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



48E8FF



FF5F48

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.



FFC790



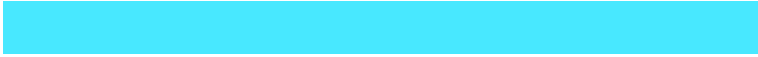
48E8FF



FFB7D0

Square

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



48E8FF



E1C9FF



FFBCAB



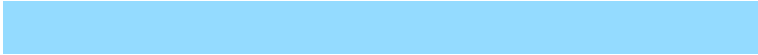
C0DF94

Rectangle

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



48E8FF



94DBFF



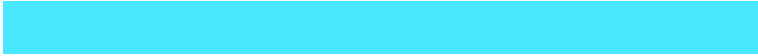
FFBCAB



F5D088

Sweetspot

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



48E8FF



C7F8FF



48FF5D



5E7B80



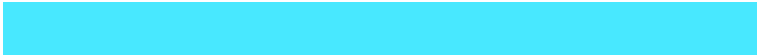
000000



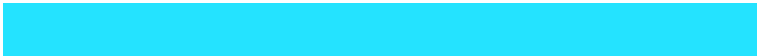
808080

Same Dimension

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



48E8FF



24E3FF



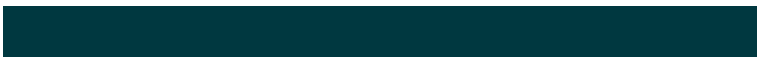
488EFF



737E80



00A7BF



003840

Inverse Universe

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



FF48E8



FF24E3



FFB948



80737E



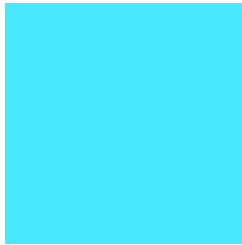
BF00A7



400038

Previews

White Background



This preview shows how the Hex color 48E8FF looks on a white background.

Color Contrast Check

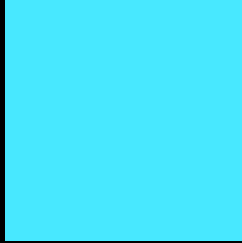
Large Text (above 18pt) WCAG AA × Fail

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 48E8FF 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 48E8FF Background



This preview shows how black text looks on a background with the Hex color 48E8FF.

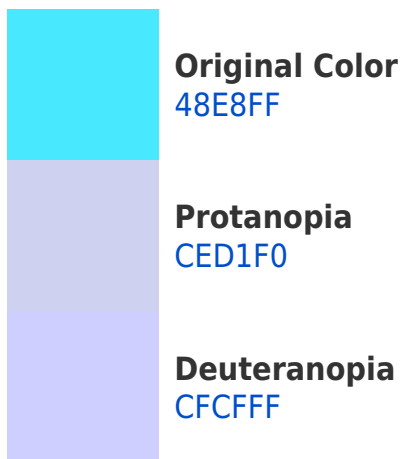


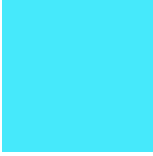
This preview shows how white text looks on a background with the Hex color 48E8FF.

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](#).

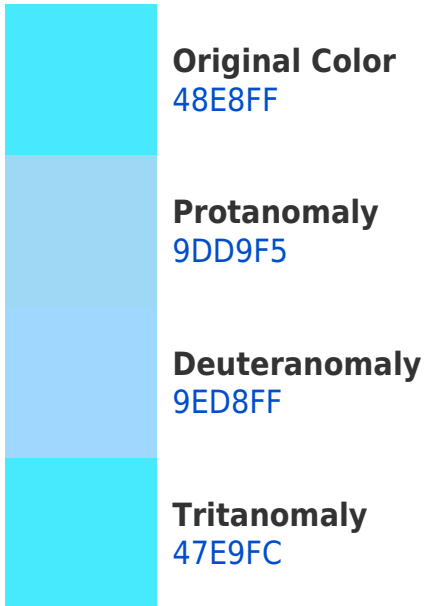
Dichromacy



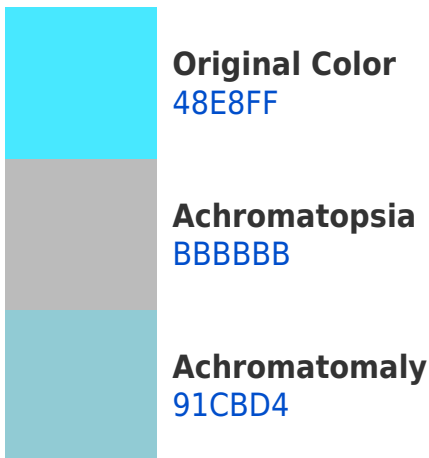


Tritanopia
46E9FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48E8FF 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 #48E8FF looks like.

```
.text, #text, p{  
    color:#48E8FF  
}
```

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 #48E8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E8FF  
}
```

Border

The CSS property to change the border of an element to Hex 48E8FF 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  
#48E8FF }
```

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

```
.border{ border-color:#48E8FF }
```

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

Here you see how a box with a 4 pixel #48E8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E8FF; -webkit-box-shadow:4px 4px  
4px 4px #48E8FF; box-shadow:4px 4px 4px  
4px #48E8FF }
```

Background

The CSS property to change the background color of an element to Hex 48E8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E8FF }
```

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

```
.background{ background-color:#48E8FF }
```

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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