

Converting Colors

Hex(48E1F3)

Have a look what the booklet for
Hex(48E1F3) contains.

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Color

Hex(48E1F3)

Conversions

Conversions Part 1

Format	Color
Hex	48E1F3
RGB	72, 225, 243
RGB Percent	28%, 88%, 95%
CMY	0.7176, 0.1176, 0.0471
CMYK	0.70, 0.07, 0.00, 0.05
HSL	186°, 88%, 62%
HSV	186°, 70%, 95%
XYZ	45.7754, 61.6992, 94.2905
YIQ	181.3050, -96.9660, -26.8380

Conversions

Conversions Part 2

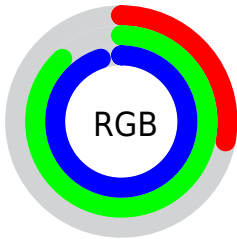
Format	Color
R_{YB}	72, 153, 243
Decimal	4776435
CIE _{Lab}	82.75, -33.74, -20.37
CIE _{LCh}	83, 39.409, 211.122
Yxy	61.6992, 0.2269, 0.3058
Android (android.graphics.Color)	4282966515 (0xFF48E1F3)
YUV	181.3050, 30.4156, -95.8605
Hunter-Lab	78.5488, -33.4373, -16.1879

Details

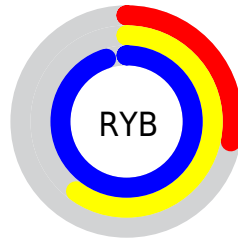
The Hex color **48E1F3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F35A48**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8EFFFF**, and **00A9BB** is the 20% darker color. If you saturate the color by 10%, you get **30DEF3**, and if you desaturate by 10%, it is **60E4F3**.

Distribution



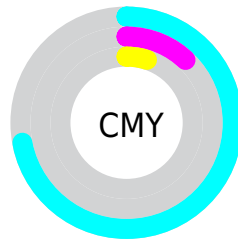
- Red (28%)
- Green (88%)
- Blue (95%)



- Red (28%)
- Yellow (60%)
- Blue (95%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (72%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E1F3 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 48E1F3 by changing the saturation by 10% instead.

 48E1F3

 48E1F3

FFFFFF

 0CC5D7

 8EFFFF

 00A9BB

 AEFFFF

 008EA0

 CDFFFF

 007486

 ECFFFF

 005B6C

 004354

 002C3D

 001327

 000111

 48E1F3

 48E1F3

 30DEF3

 60E4F3

 17DCF3

 79E6F3

 00D9F3

 91E9F3

 A9EBF3

 C1EEF3

 DAF0F3

 F2F3F3

 FFF5F3

 FFF8F3

Harmonies

Analogous

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



66E2CE



48E1F3



63DBFF

Triad

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



48E1F3



FEB8F2



E6CC84

Complementary

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



48E1F3



F35A48

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.



FFBF8E



48E1F3



FFB2CE

Square

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



48E1F3



D5C4FF



FFB5AA



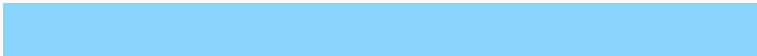
BFD78E

Rectangle

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



48E1F3



89D5FF



FFB5AA



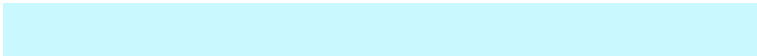
F1C885

Sweetspot

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



48E1F3



C9F9FF



48F359



607C80



000000



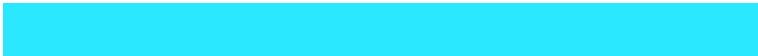
808080

Same Dimension

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



48E1F3



29E8FF



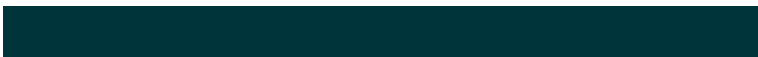
488CF3



6E797A



00A7BA



00343B

Inverse Universe

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



F348E1



FF29E8



F3AF48



7A6E79



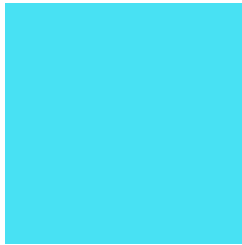
BA00A7



3B0034

Previews

White Background



This preview shows how the Hex color 48E1F3 looks on a white background.

Color Contrast Check

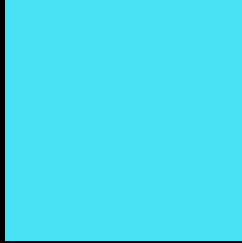
Large Text (above 18pt) WCAG AA × Fail

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 48E1F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

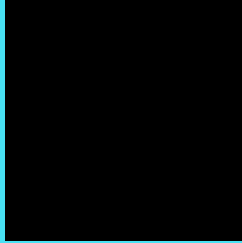
Any Text WCAG AA ✓ Pass

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 48E1F3 Background



This preview shows how black text looks on a background with the Hex color 48E1F3.

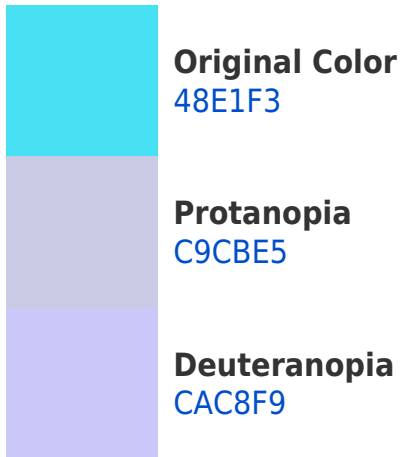


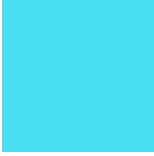
This preview shows how white text looks on a background with the Hex color 48E1F3.

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](#).

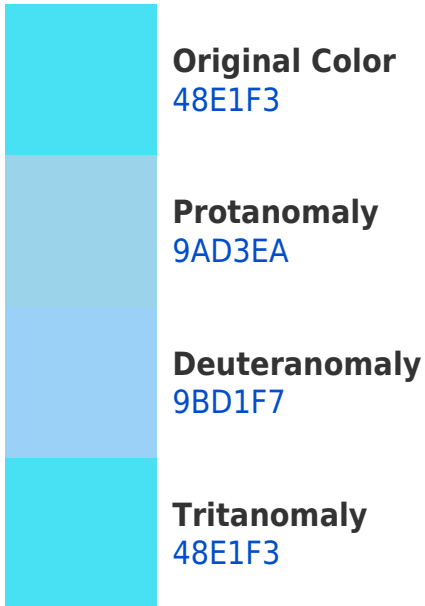
Dichromacy



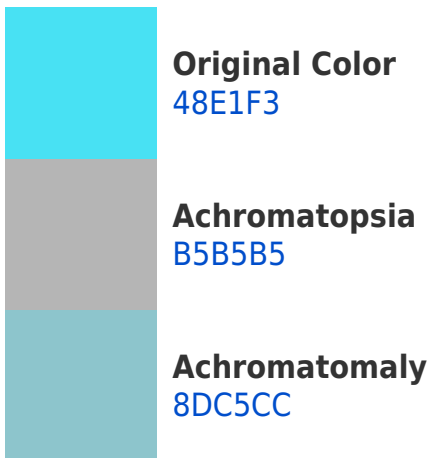


Tritanopia
48E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48E1F3 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 #48E1F3 looks like.

```
.text, #text, p{  
    color:#48E1F3  
}
```

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 #48E1F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E1F3
}
```

Border

The CSS property to change the border of an element to Hex 48E1F3 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
#48E1F3 }
```

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

```
.border{ border-color:#48E1F3 }
```

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

Here you see how a box with a 4 pixel #48E1F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E1F3; -webkit-box-shadow:4px 4px  
4px 4px #48E1F3; box-shadow:4px 4px 4px  
4px #48E1F3 }
```

Background

The CSS property to change the background color of an element to Hex 48E1F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E1F3 }
```

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

```
.background{ background-color:#48E1F3 }
```

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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