

Converting Colors

Hex(48EFB5)

Have a look what the booklet for
Hex(48EFB5) contains.

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Color

Hex(48EFB5)

Conversions

Conversions Part 1

Format	Color
Hex	48EFB5
RGB	72, 239, 181
RGB Percent	28%, 94%, 71%
CMY	0.7176, 0.0627, 0.2902
CMYK	0.70, 0.00, 0.24, 0.06
HSL	159°, 84%, 61%
HSV	159°, 70%, 94%
XYZ	41.8795, 66.4469, 54.3343
YIQ	182.4550, -80.9140, -53.4420

Conversions

Conversions Part 2

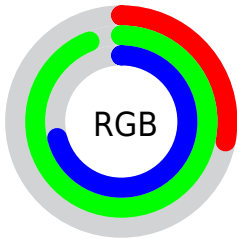
Format	Color
RYB	72, 173, 239
Decimal	4779957
CIELab	85.22, -55.84, 15.89
CIELCh	85, 58.053, 164.116
Yxy	66.4469, 0.2575, 0.4085
Android (android.graphics.Color)	4282970037 (0xFF48EFB5)
YUV	182.4550, -0.7173, -96.8690
Hunter-Lab	81.5150, -50.9443, 17.5404

Details

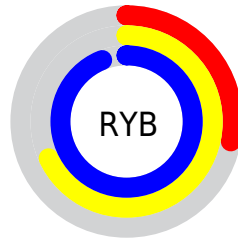
The Hex color **48EFB5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **EF4882**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **8CFFED**, and **00B680** is the 20% darker color. If you saturate the color by 10%, you get **30EFAD**, and if you desaturate by 10%, it is **60EFBD**.

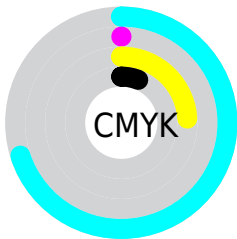
Distribution



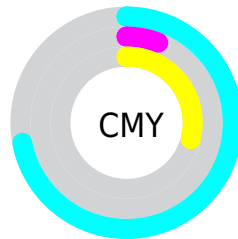
- Red (28%)
- Green (94%)
- Blue (71%)



- Red (28%)
- Yellow (68%)
- Blue (94%)



- Cyan (70%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (72%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48EFB5 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 48EFB5 by changing the saturation by 10% instead.

 48EFB5

 48EFB5

FFFFFF

 13D29A

 8CFFED

 00B680

 ABFFFF

 009A67

 CAFFFF

 007F4F

 E9FFFF

 006538

 004C22

 00340C

 001B00

 000000

 48EFB5

 48EFB5

 30EFAD

 60EFBD

 18EFA4

 78EFC6

 00EF9C

 90EFCE

 A8EFD6

 C0EFD6

 D7EFE7

 EFEFEF

 FFEFF7

 FFEFFF

Harmonies

Analogous

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



9FE783



48EFB5



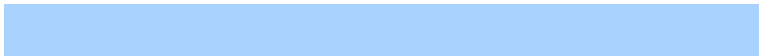
00F1EE

Triad

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



48EFB5



A9D2FF



FFB48B

Complementary

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



48EFB5



EF4882

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.



FFA8BD



48EFB5



FBBCFF

Square

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



48EFB5



00E3FF



FFABF4



FFC86A

Rectangle

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



48EFB5



00EFFF



FFABF4



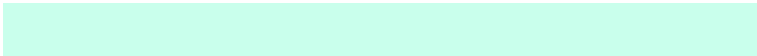
FFAE9A

Sweetspot

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



48EFB5



C9FFEC



82EF48



608074



000000



808080

Same Dimension

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



48EFB5



29FFB5



48D6EF



6C7874



00B878



003825

Inverse Universe

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



EF4882



FF2973



EF6148



786C70



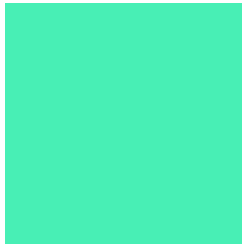
B80040



380013

Previews

White Background



This preview shows how the Hex color 48EFB5 looks on a white background.

Color Contrast Check

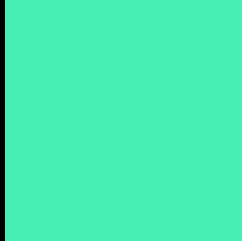
Large Text (above 18pt) WCAG AA × Fail

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 48EFB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

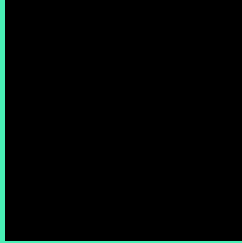
Any Text WCAG AA ✓ Pass

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 48EFB5 Background



This preview shows how black text looks on a background with the Hex color 48EFB5.

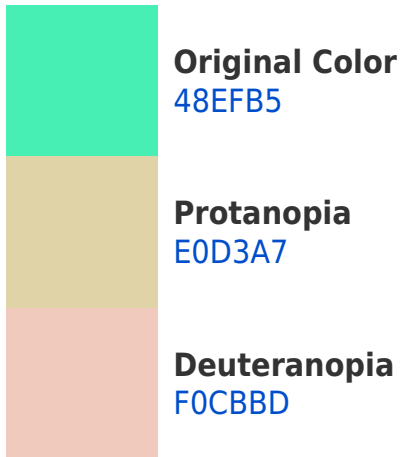


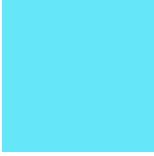
This preview shows how white text looks on a background with the Hex color 48EFB5.

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
65E6F9

Trichromacy



Original Color
48EFB5



Protanomaly
A9DDAC



Deuteranomaly
B3D8BA



Tritanomaly
5AE9E0

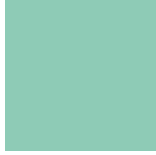
Monochromacy



Original Color
48EFB5



Achromatopsia
B6B6B6



Achromatomaly
8ECBB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 48EFB5 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 #48EFB5 looks like.

```
.text, #text, p{  
    color:#48EFB5  
}
```

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 #48EFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48EFB5
}
```

Border

The CSS property to change the border of an element to Hex 48EFB5 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
#48EFB5 }
```

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

```
.border{ border-color:#48EFB5 }
```

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

Here you see how a box with a 4 pixel #48EFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48EFB5; -webkit-box-shadow:4px 4px  
4px 4px #48EFB5; box-shadow:4px 4px 4px  
4px #48EFB5 }
```

Background

The CSS property to change the background color of an element to Hex 48EFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48EFB5 }
```

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

```
.background{ background-color:#48EFB5 }
```

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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