

Converting Colors

Hex(46E9AB)

Have a look what the booklet for
Hex(46E9AB) contains.

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Color

Hex(46E9AB)

Conversions

Conversions Part 1

Format	Color
Hex	46E9AB
RGB	70, 233, 171
RGB Percent	27%, 91%, 67%
CMY	0.7255, 0.0863, 0.3294
CMYK	0.70, 0.00, 0.27, 0.09
HSL	157°, 79%, 59%
HSV	157°, 70%, 91%
XYZ	39.0154, 62.5202, 48.5394
YIQ	177.1950, -77.2460, -53.8380

Conversions

Conversions Part 2

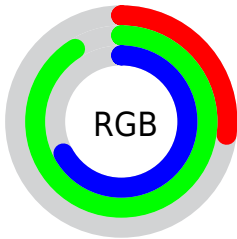
Format	Color
RYB	70, 171, 233
Decimal	4647339
CIELab	83.19, -55.95, 18.23
CIELCh	83, 58.842, 161.949
Yxy	62.5202, 0.2600, 0.4166
Android (android.graphics.Color)	4282837419 (0xFF46E9AB)
YUV	177.1950, -3.0541, -94.0100
Hunter-Lab	79.0697, -50.2947, 18.9518

Details

The Hex color **46E9AB** 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 **E94684**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **89FFE2**, and **00B077** is the 20% darker color. If you saturate the color by 10%, you get **2FE9A2**, and if you desaturate by 10%, it is **5DE9B4**.

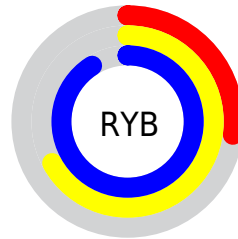
Distribution



Red (27%)

Green (91%)

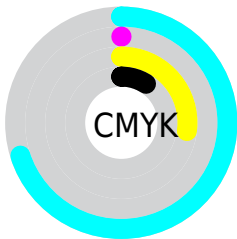
Blue (67%)



Red (27%)

Yellow (67%)

Blue (91%)

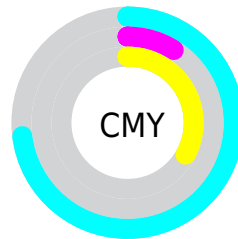


Cyan (70%)

Magenta (0%)

Yellow (27%)

Black (9%)



Cyan (73%)

Magenta (9%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Hex color 46E9AB 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 46E9AB by changing the saturation by 10% instead.

 46E9AB

 46E9AB


FFFFFF

 11CC90

 89FFE2

 00B077

 A8FFFF

 00955E

 C7FFFF

 007A46

 E6FFFF

 00602F

 004719

 003000

 001300

 000000

 46E9AB

 46E9AB

 2FE9A2

 5DE9B4

 17E999

 75E9BD

 00E990

 8CE9C6

 A3E9CE

 BBE9D7

 D2E9E0

 E9E9E9

 FFE9F2

 FFE9FB

Harmonies

Analogous

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



9EE17A



46E9AB



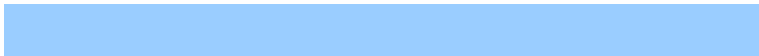
00EBE4

Triad

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



46E9AB



9ACDFE



FFAC88

Complementary

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



46E9AB



E94684

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.



FFA1BB



46E9AB



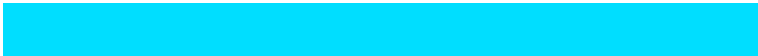
F0B8FF

Square

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



46E9AB



00DEFF



FFA5F3



FFC065

Rectangle

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



46E9AB



00EAFB



FFA5F3



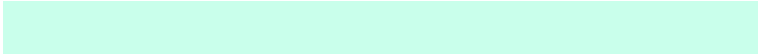
FFA798

Sweetspot

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



46E9AB



C9FFEB



84E946



608073



000000



808080

Same Dimension

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



46E9AB



29FFAE



46D6E9



6A7571



00B570



003621

Inverse Universe

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



E94684



FF297A



E95946



756A6E



B50045



360014

Previews

White Background



This preview shows how the Hex color 46E9AB 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 46E9AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

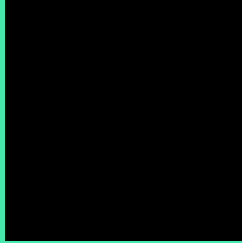
Any Text WCAG AA ✓ Pass

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 46E9AB Background



This preview shows how black text looks on a background with the Hex color 46E9AB.

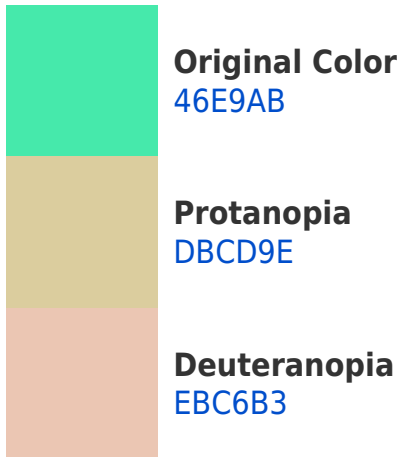


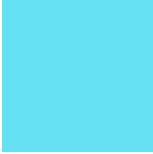
This preview shows how white text looks on a background with the Hex color 46E9AB.

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
64E0F2

Trichromacy



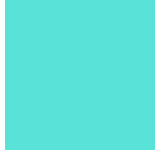
Original Color
46E9AB



Protanomaly
A5D7A3



Deuteranomaly
AFD3B0

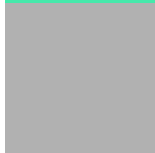


Tritanomaly
59E3D8

Monochromacy



Original Color
46E9AB



Achromatopsia
B1B1B1



Achromatomaly
8AC5AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 46E9AB 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 #46E9AB looks like.

```
.text, #text, p{  
    color:#46E9AB  
}
```

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 #46E9AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46E9AB
}
```

Border

The CSS property to change the border of an element to Hex 46E9AB 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
#46E9AB }
```

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

```
.border{ border-color:#46E9AB }
```

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

Here you see how a box with a 4 pixel #46E9AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46E9AB; -webkit-box-shadow:4px 4px  
4px 4px #46E9AB; box-shadow:4px 4px 4px  
4px #46E9AB }
```

Background

The CSS property to change the background color of an element to Hex 46E9AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46E9AB }
```

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

```
.background{ background-color:#46E9AB }
```

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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