

Converting Colors

Hex(46ECBE)

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

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Color

Hex(46ECBE)

Conversions

Conversions Part 1

Format	Color
Hex	46ECBE
RGB	70, 236, 190
RGB Percent	27%, 93%, 75%
CMY	0.7255, 0.0745, 0.2549
CMYK	0.70, 0.00, 0.19, 0.07
HSL	163°, 81%, 60%
HSV	163°, 70%, 93%
XYZ	41.8155, 65.0107, 59.0596
YIQ	181.1220, -84.1700, -49.4980

Conversions

Conversions Part 2

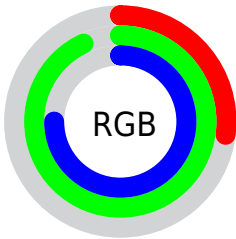
Format	Color
RYB	70, 166, 236
Decimal	4648126
CIELab	84.49, -52.86, 10.15
CIELCh	84, 53.829, 169.131
Yxy	65.0107, 0.2521, 0.3919
Android (android.graphics.Color)	4282838206 (0xFF46ECBE)
YUV	181.1220, 4.3769, -97.4540
Hunter-Lab	80.6292, -48.5284, 13.0115

Details

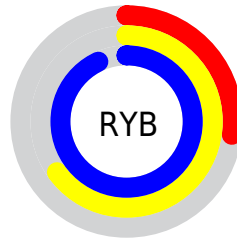
The Hex color **46ECBE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **EC4674**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8AFFF6**, and **00B389** is the 20% darker color. If you saturate the color by 10%, you get **2EECB7**, and if you desaturate by 10%, it is **5EECC5**.

Distribution



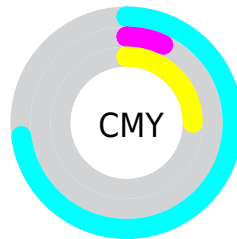
- Red (27%)
- Green (93%)
- Blue (75%)



- Red (27%)
- Yellow (65%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (73%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 46ECBE

 46ECBE

FFFFFF

 0ECFA3

 8AFF6

 00B389

 AAFFFF

 00986F

 C9FFFF

 007D57

 E8FFFF

 006340

 004A29

 003215

 001800

 000000

 46ECBE

 46ECBE

 2EECB7

 5EECC5

 17ECB1

 75ECCB

 00ECAB

 8DECD2

 A4ECD8

 BCECDF

 D4ECE5

 EBCECE

 FFECF2

 FFECF9

Harmonies

Analogous

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



97E68E



46ECBE



00EDF2

Triad

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



46ECBE



BACDFF



FFB788

Complementary

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



46ECBE



EC4674

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.



FFABB4



46ECBE



FFB9FF

Square

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



46ECBE



50DEFF



FFABE8



FFCA6E

Rectangle

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



46ECBE



00EBFF



FFABE8



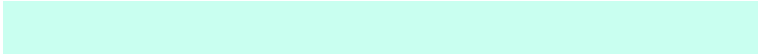
FFB295

Sweetspot

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



46ECBE



C9FFF0



75EC46



608077



000000



808080

Same Dimension

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



46ECBE



29FFC4



46C8EC



6A7572



00B583



003627

Inverse Universe

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



EC4674



FF2964



EC6A46



756A6D



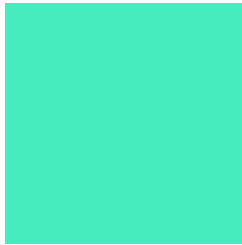
B50032



36000F

Previews

White Background



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

Color Contrast Check

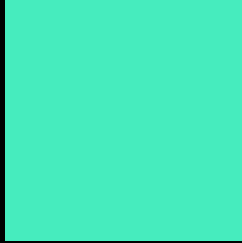
Large Text (above 18pt) WCAG AA × Fail

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 46ECBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

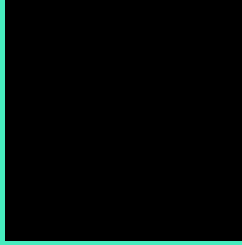
Any Text WCAG AA ✓ Pass

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 46ECBE Background



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

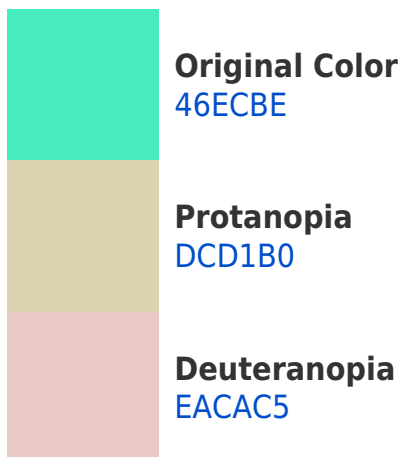


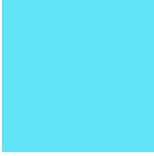
This preview shows how white text looks on a background with the Hex color 46ECBE.

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
60E4F7

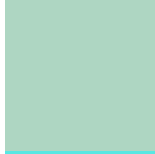
Trichromacy



Original Color
46ECBE



Protanomaly
A5DBB5



Deuteranomaly
AED6C2

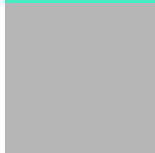


Tritanomaly
57E7E2

Monochromacy



Original Color
46ECBE



Achromatopsia
B5B5B5



Achromatomaly
8DC9B8

CSS Examples

Text

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

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

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 #46ECBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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