

Converting Colors

Hex(46ECA6)

Have a look what the booklet for
Hex(46ECA6) contains.

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Color

Hex(46ECA6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 46ECA6 |
| RGB | 70, 236, 166 |
| RGB Percent | 27%, 93%, 65% |
| CMY | 0.7255, 0.0745, 0.3490 |
| CMYK | 0.70, 0.00, 0.30, 0.07 |
| HSL | 155°, 81%, 60% |
| HSV | 155°, 70%, 93% |
| XYZ | 39.4042, 64.0462, 46.3617 |
| YIQ | 178.3860, -76.4660, -56.9620 |

Conversions

Conversions Part 2

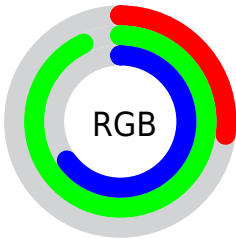
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 70, 175, 236 |
| Decimal | 4648102 |
| CIELab | 83.99, -58.17, 21.93 |
| CIElCh | 84, 62.164, 159.340 |
| Yxy | 64.0462, 0.2630, 0.4275 |
| Android (android.graphics.Color) | 4282838182 (0xFF46ECA6) |
| YUV | 178.3860, -6.1063, -95.0545 |
| Hunter-Lab | 80.0289, -52.1616, 21.6727 |

Details

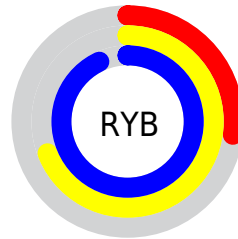
The Hex color **46ECA6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **EC468C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8AFFDD**, and **00B372** is the 20% darker color. If you saturate the color by 10%, you get **2EEC9C**, and if you desaturate by 10%, it is **5EECB0**.

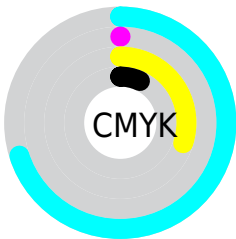
Distribution



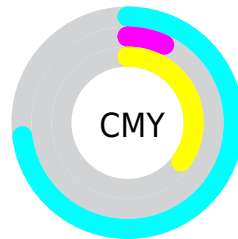
- Red (27%)
- Green (93%)
- Blue (65%)



- Red (27%)
- Yellow (69%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (73%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46ECA6 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 46ECA6 by changing the saturation by 10% instead.

 46ECA6

 46ECA6


FFFFFF

 10CF8B

 8AFFDD

 00B372

 A9FFFA

 009759

 C8FFFF

 007C41

 E7FFFF

 00622A

 004914

 003200

 001600

 000000

 46ECA6

 46ECA6

 2EEC9C

 5EECB0

 17EC92

 75ECBA

 00EC88

 8DECC4

 A4ECCE

 BCECD8

 D4ECE2

 EBECEC

 FFECF6

 FFECFF

Harmonies

Analogous

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



A3E373



46ECA6



00EFE3

Triad

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



46ECA6



8CD2FF



FFAB8A

Complementary

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



46ECA6



EC468C

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.



FF9FC1



46ECA6



EEBBFF

Square

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



46ECA6



00E3FF



FFA6FC



FFC062

Rectangle

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



46ECA6



00EEFF



FFA6FC



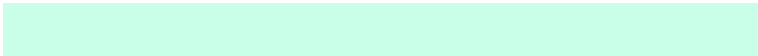
FFA59B

Sweetspot

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



46ECA6



C9FFE8



8EEC46



608072



000000



808080

Same Dimension

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



46ECA6



29FFA5



46E1EC



6A7570



00B569



00361F

Inverse Universe

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



EC468C



FF2983



EC5146



756A6F



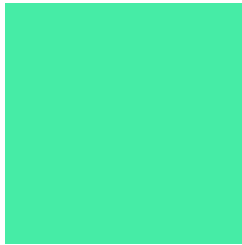
B5004C



360017

Previews

White Background



This preview shows how the Hex color 46ECA6 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 46ECA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

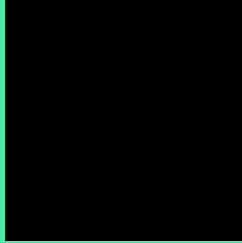
Any Text WCAG AA ✓ Pass

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 46ECA6 Background



This preview shows how black text looks on a background with the Hex color 46ECA6.

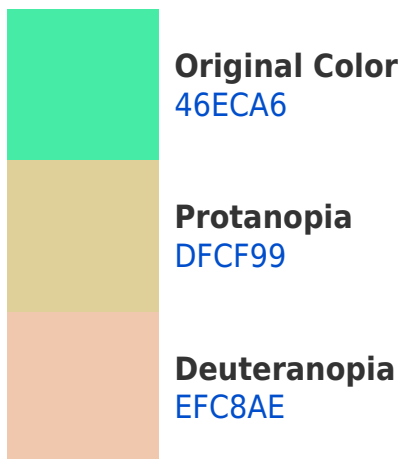


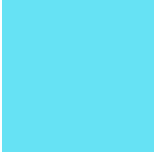
This preview shows how white text looks on a background with the Hex color 46ECA6.

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](#).

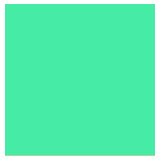
Dichromacy





Tritanopia
66E2F4

Trichromacy



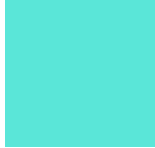
Original Color
46ECA6



Protanomaly
A7DA9E



Deuteranomaly
B2D5AB



Tritanomaly
5AE6D8

Monochromacy



Original Color
46ECA6



Achromatopsia
B2B2B2



Achromatomaly
8BC7AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 46ECA6 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 #46ECA6 looks like.

```
.text, #text, p{  
    color:#46ECA6  
}
```

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 #46ECA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46ECA6
}
```

Border

The CSS property to change the border of an element to Hex 46ECA6 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
#46ECA6 }
```

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

```
.border{ border-color:#46ECA6 }
```

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

Here you see how a box with a 4 pixel #46ECA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46ECA6; -webkit-box-shadow:4px 4px  
4px 4px #46ECA6; box-shadow:4px 4px 4px  
4px #46ECA6 }
```

Background

The CSS property to change the background color of an element to Hex 46ECA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46ECA6 }
```

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

```
.background{ background-color:#46ECA6 }
```

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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