

Converting Colors

Hex(46AECB)

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

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Color

Hex(46AECB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 46AECB |
| RGB | 70, 174, 203 |
| RGB Percent | 27%, 68%, 80% |
| CMY | 0.7255, 0.3176, 0.2039 |
| CMYK | 0.66, 0.14, 0.00, 0.20 |
| HSL | 193°, 56%, 54% |
| HSV | 193°, 66%, 80% |
| XYZ | 28.4413, 35.8860, 61.9276 |
| YIQ | 146.2100, -71.2930, -13.0290 |

Conversions

Conversions Part 2

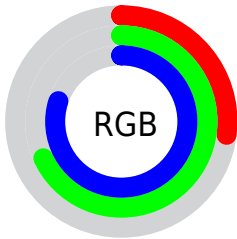
| Format | Color |
|-------------------------------------|---|
| RYB | 70, 128, 203 |
| Decimal | 4632267 |
| CIELab | 66.43, -20.88, -23.58 |
| CIELCh | 66, 31.498, 228.473 |
| Yxy | 35.8860, 0.2253, 0.2842 |
| Android (android.graphics.Color) | 4282822347 (0xFF46AECB) |
| YUV | 146.2100, 27.9975, -66.8362 |
| Hunter-Lab | 59.9049, -20.0863, -19.3585 |

Details

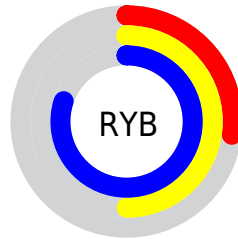
The Hex color **46AECB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CB6346**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **84E6FF**, and **007995** is the 20% darker color. If you saturate the color by 10%, you get **32AACB**, and if you desaturate by 10%, it is **5AB2CB**.

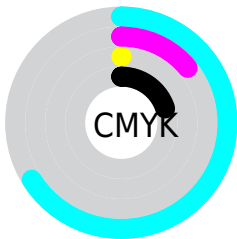
Distribution



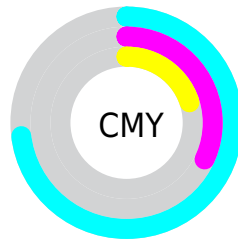
- Red (27%)
- Green (68%)
- Blue (80%)



- Red (27%)
- Yellow (50%)
- Blue (80%)



- Cyan (66%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (73%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 46AECB

 46AECB

FFFFFF

 1E93B0

 84E6FF

 007995

 A2FFFF

 00607B

 BFFFFFF

 004862

 DDFFFF

 00324A

 FCFFFF

 001E33

 00021E

 000000

 46AECB

 46AECB

■ 32AACB

■ 5AB2CB

■ 1DA5CB

■ 6FB7CB

■ 09A1CB

■ 83BBCB

■ 009FCB

■ 97C0CB

■ ACC4CB

■ C0C9CB

■ D4CDCB

■ E8D1CB

■ FDD6CB

Harmonies

Analogous

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



45B1B2



46AECB



6AA8D8

Triad

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



46AECB



D28DAE



A3A56B

Complementary

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



46AECB



CB6346

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.



BF9C6A



46AECB



DA8D91

Square

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



46AECB



BB94C7



D29378



83AC7B

Rectangle

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



46AECB



88A2D9



D29378



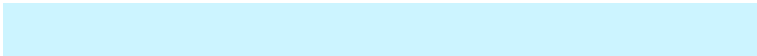
ADA269

Sweetspot

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



46AECB



CCF4FF



46CB63



617980



000000



808080

Same Dimension

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



46AECB



36D3FF



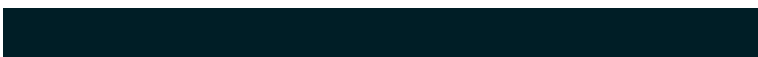
466CCB



5C6466



0082A6



001E26

Inverse Universe

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



CB46AE



FF36D3



CBA546



665C64



A60082



26001E

Previews

White Background



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

Color Contrast Check

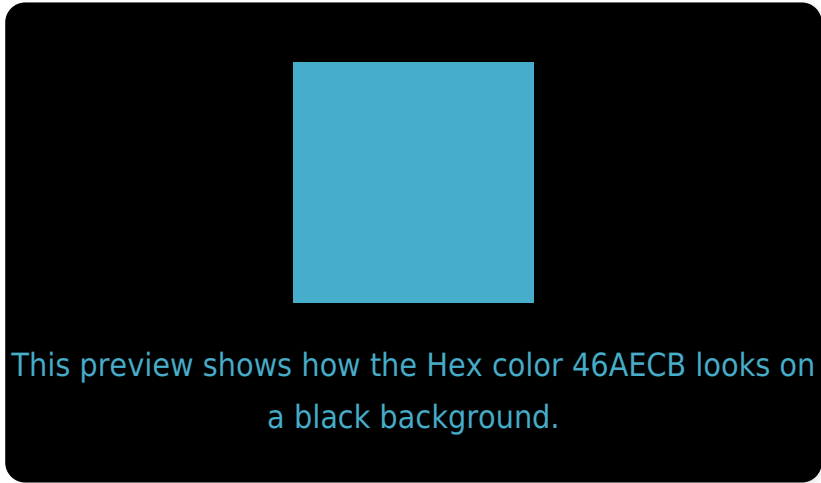
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

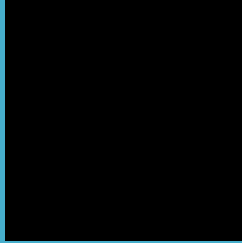
Any Text WCAG AA ✓ Pass

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 46AECB Background



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



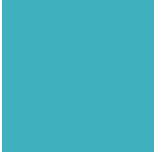
This preview shows how white text looks on a background with the Hex color 46AECB.

Color Blindness Simulation

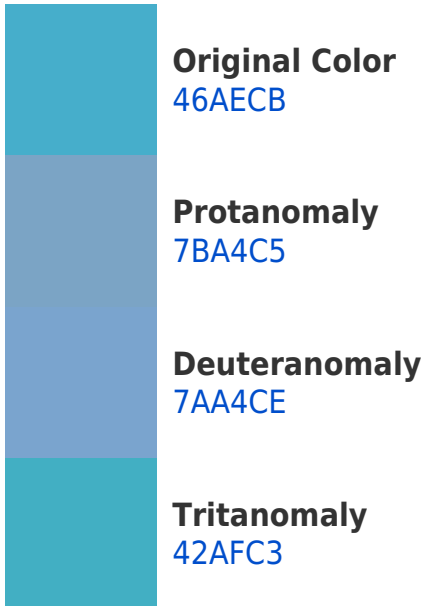
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

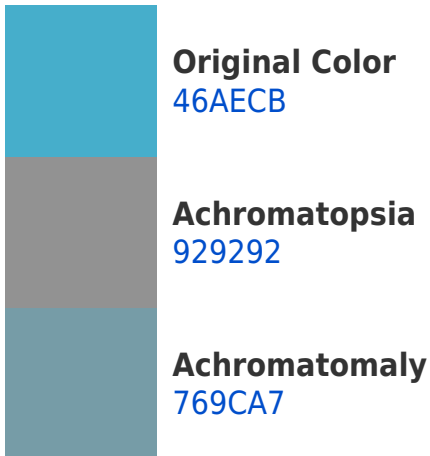




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #46AECB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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