

Converting Colors

Hex(46A5AE)

Have a look what the booklet for
Hex(46A5AE) contains.

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Color

Hex(46A5AE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 46A5AE |
| RGB | 70, 165, 174 |
| RGB Percent | 27%, 65%, 68% |
| CMY | 0.7255, 0.3529, 0.3176 |
| CMYK | 0.60, 0.05, 0.00, 0.32 |
| HSL | 185°, 43%, 48% |
| HSV | 185°, 60%, 68% |
| XYZ | 23.6209, 31.2684, 44.8348 |
| YIQ | 137.6210, -59.5090, -17.3410 |

Conversions

Conversions Part 2

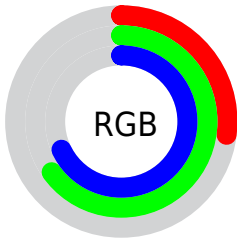
| Format | Color |
|-------------------------------------|---|
| RYB | 70, 120, 174 |
| Decimal | 4629934 |
| CIELab | 62.73, -25.01, -13.05 |
| CIELCh | 63, 28.210, 207.545 |
| Yxy | 31.2684, 0.2369, 0.3135 |
| Android (android.graphics.Color) | 4282820014 (0xFF46A5AE) |
| YUV | 137.6210, 17.9348, -59.3036 |
| Hunter-Lab | 55.9181, -22.4548, -8.3957 |

Details

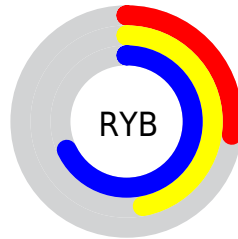
The Hex color **46A5AE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE4F46**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **81DCE5**, and **00717A** is the 20% darker color. If you saturate the color by 10%, you get **35A3AE**, and if you desaturate by 10%, it is **57A7AE**.

Distribution



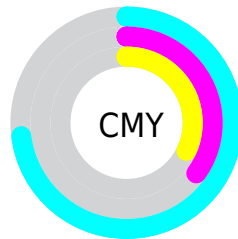
- Red (27%)
- Green (65%)
- Blue (68%)



- Red (27%)
- Yellow (47%)
- Blue (68%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (73%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A5AE 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 46A5AE by changing the saturation by 10% instead.



46A5AE



46A5AE

FFFFFF



248A93



81DCE5



00717A



9DF9FF



005861



BAFFFF



004049



D8FFFF



002A33



F5FFFF



00121E



000001



000000



46A5AE



46A5AE

■ 35A3AE

■ 57A7AE

■ 23A2AE

■ 69A8AE

■ 12A0AE

■ 7AAAAE

■ 009FAE

■ 8CABAE

■ 9DADAE

■ AEAEAE

■ C0B0AE

■ D1B1AE

■ E3B3AE

Harmonies

Analogous

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



58A595



46A5AE



52A1C1

Triad

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



46A5AE



B68AB3



AB9566

Complementary

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



46A5AE



AE4F46

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.



BF8D6E



46A5AE



C7859B

Square

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



46A5AE



9892C4



C98782



919D6B

Rectangle

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



46A5AE



679DC8



C98782



B39367

Sweetspot

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



46A5AE



BADFE3



46AE4F



5A7173



F2F2F2



737373

Same Dimension

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



46A5AE



40D5E3



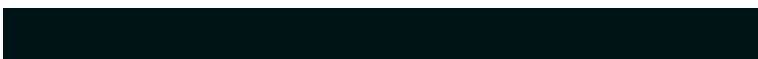
4671AE



4E5657



008996



001517

Inverse Universe

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



AE46A5



E340D5



AE8346



574E56



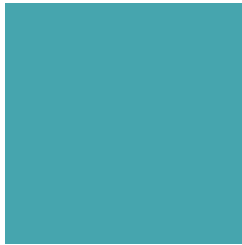
960089



170015

Previews

White Background



This preview shows how the Hex color 46A5AE looks on a white background.

Color Contrast Check

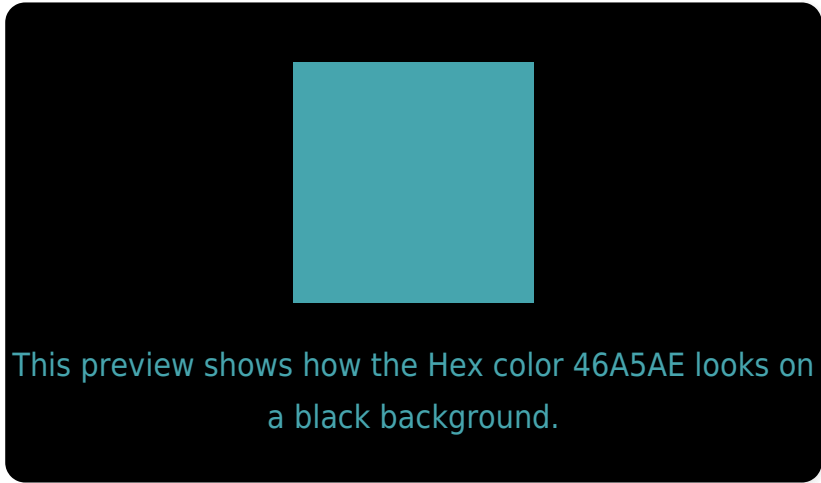
Large Text (above 18pt) WCAG AA × Fail

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

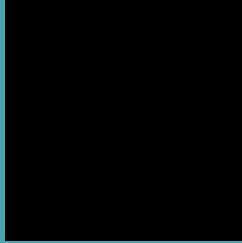
Any Text WCAG AA ✓ Pass

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 46A5AE Background



This preview shows how black text looks on a background with the Hex color 46A5AE.

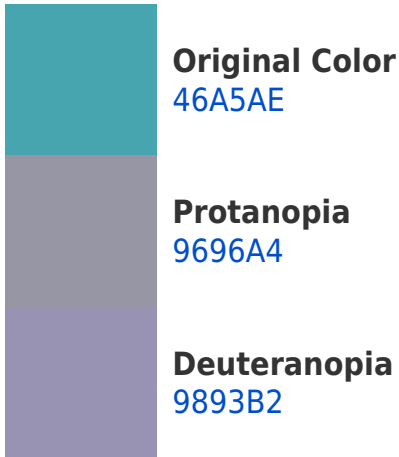


This preview shows how white text looks on a background with the Hex color 46A5AE.

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](#).

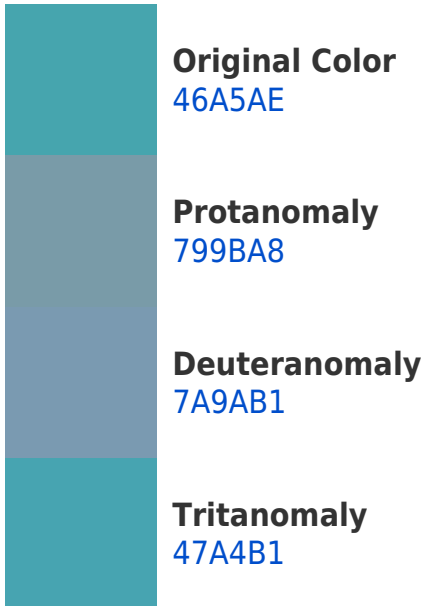
Dichromacy



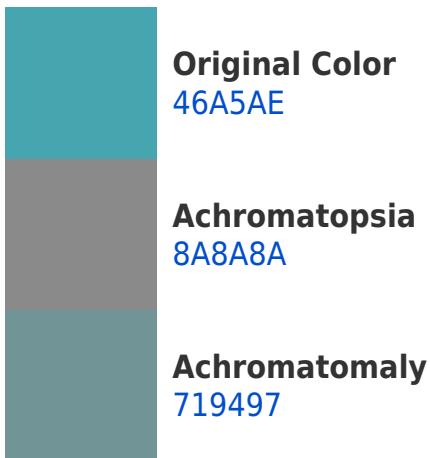


Tritanopia
48A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A5AE 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 #46A5AE looks like.

```
.text, #text, p{  
    color:#46A5AE  
}
```

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 #46A5AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A5AE
}
```

Border

The CSS property to change the border of an element to Hex 46A5AE 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
#46A5AE }
```

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

```
.border{ border-color:#46A5AE }
```

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

Here you see how a box with a 4 pixel #46A5AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A5AE; -webkit-box-shadow:4px 4px  
4px 4px #46A5AE; box-shadow:4px 4px 4px  
4px #46A5AE }
```

Background

The CSS property to change the background color of an element to Hex 46A5AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A5AE }
```

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

```
.background{ background-color:#46A5AE }
```

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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