

Converting Colors

Hex(46AAAE)

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

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Color

Hex(46AAAE)

Conversions

Conversions Part 1

Format	Color
Hex	46AAAE
RGB	70, 170, 174
RGB Percent	27%, 67%, 68%
CMY	0.7255, 0.3333, 0.3176
CMYK	0.60, 0.02, 0.00, 0.32
HSL	182°, 43%, 48%
HSV	182°, 60%, 68%
XYZ	24.5405, 33.1075, 45.1414
YIQ	140.5560, -60.8840, -19.9560

Conversions

Conversions Part 2

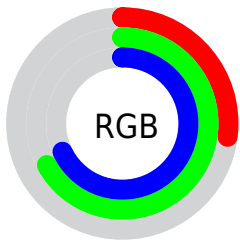
Format	Color
RYB	70, 121, 174
Decimal	4631214
CIELab	64.25, -27.51, -10.77
CIELCh	64, 29.546, 201.384
Yxy	33.1075, 0.2387, 0.3221
Android (android.graphics.Color)	4282821294 (0xFF46AAAE)
YUV	140.5560, 16.4879, -61.8776
Hunter-Lab	57.5391, -24.5631, -6.2376

Details

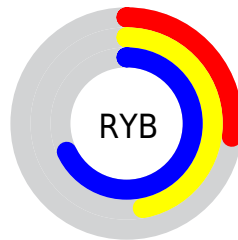
The Hex color **46AAAE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE4A46**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **81E2E5**, and **00757A** is the 20% darker color. If you saturate the color by 10%, you get **35A9AE**, and if you desaturate by 10%, it is **57ABAE**.

Distribution



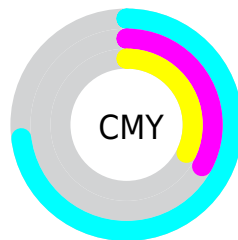
- Red (27%)
- Green (67%)
- Blue (68%)



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



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (73%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 46AAAE

 46AAAE

FFFFFF

 238F93

 81E2E5

 00757A

 9EFEFF

 005C61

 BBFFFF

 004449

 D8FFFF

 002D33

 F6FFFF

 00181E

 000002

 000000

 46AAAE

 46AAAE

35A9AE

57ABAE

23A9AE

69ABAE

12A8AE

7AACAE

00A7AE

8CADAE

9DADAE

AEAEAE

C0FAAE

D1FAAE

E3B0AE

Harmonies

Analogous

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



5DAA93



46AAAE



4BA7C4

Triad

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



46AAAE



B68FBD



B59768

Complementary

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



46AAAE



AE4A46

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.



C88F74



46AAAE



CB89A4

Square

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



46AAAE



9598CD



D0898A



9BA06A

Rectangle

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



46AAAE



60A3CD



D0898A



BC946A

Sweetspot

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



46AAAE



BAE1E3



46AE49



5A7273



F2F2F2



737373

Same Dimension

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



46AAAE



40DDE3



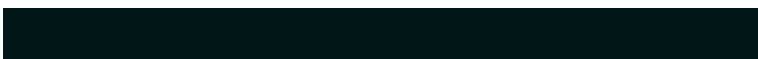
4677AE



4E5657



009196



001617

Inverse Universe

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



AE46AA



E340DD



AE7D46



574E56



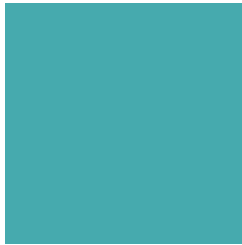
960091



170016

Previews

White Background



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

Color Contrast Check

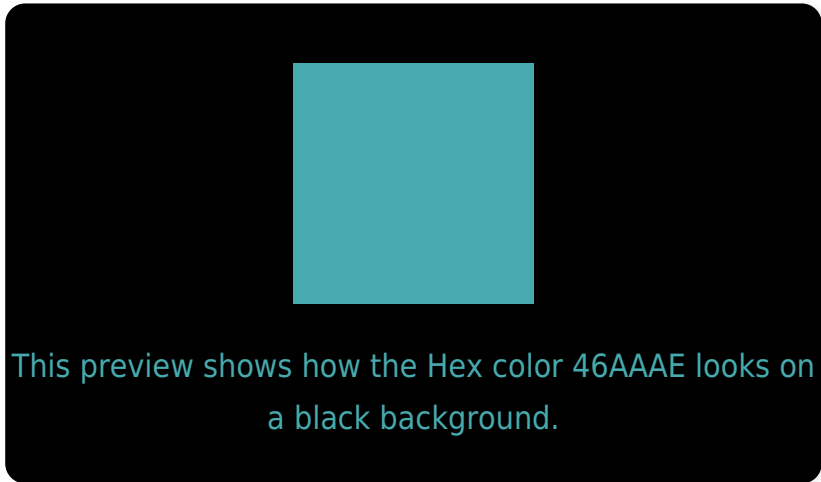
Large Text (above 18pt) WCAG AA × Fail

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 46AAAE Background



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

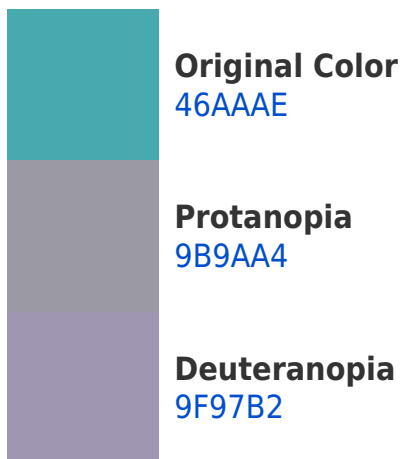


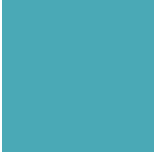
This preview shows how white text looks on a background with the Hex color 46AAAE.

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](#).

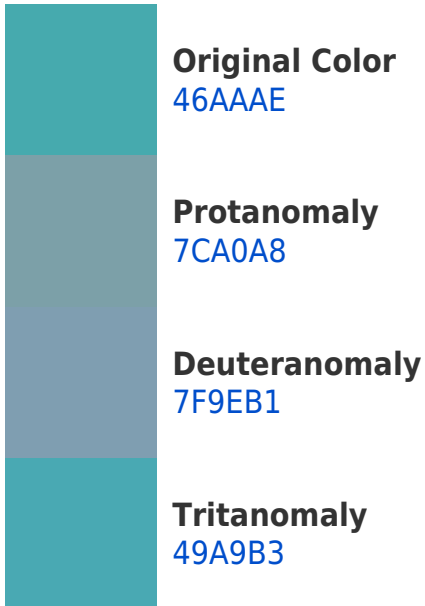
Dichromacy



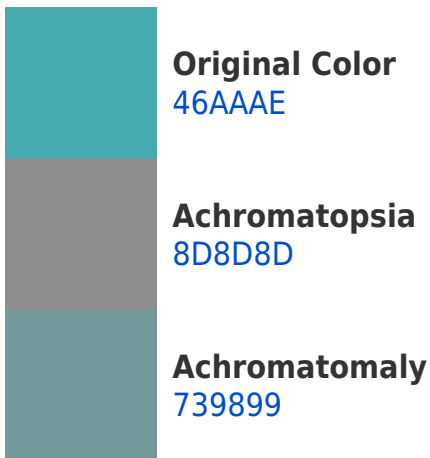


Tritanopia
4AA9B6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #46AAAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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