

Converting Colors

Hex(308AAE)

Have a look what the booklet for
Hex(308AAE) contains.

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Color

Hex(308AAE)

Conversions

Conversions Part 1

Format	Color
Hex	308AAE
RGB	48, 138, 174
RGB Percent	19%, 54%, 68%
CMY	0.8118, 0.4588, 0.3176
CMYK	0.72, 0.21, 0.00, 0.32
HSL	197°, 57%, 44%
HSV	197°, 72%, 68%
XYZ	17.9474, 21.8613, 43.3181
YIQ	115.1940, -65.1960, -7.8840

Conversions

Conversions Part 2

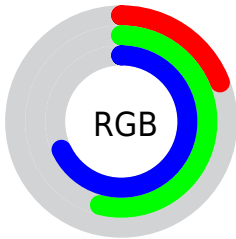
Format	Color
RYB	48, 101, 174
Decimal	3181230
CIELab	53.88, -14.35, -26.61
CIELCh	54, 30.237, 241.661
Yxy	21.8613, 0.2159, 0.2630
Android (android.graphics.Color)	4281371310 (0xFF308AAE)
YUV	115.1940, 28.9914, -58.9291
Hunter-Lab	46.7561, -13.3057, -22.2011

Details

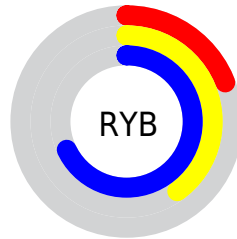
The Hex color **308AAE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AE5430**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6FBFE6**, and **005879** is the 20% darker color. If you saturate the color by 10%, you get **1F85AE**, and if you desaturate by 10%, it is **418FAE**.

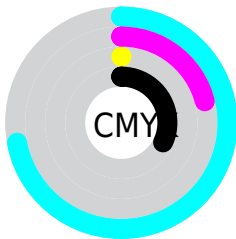
Distribution



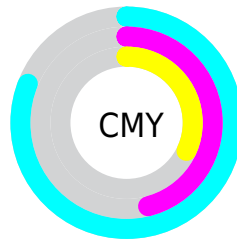
- Red (19%)
- Green (54%)
- Blue (68%)



- Red (19%)
- Yellow (40%)
- Blue (68%)



- Cyan (72%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)



- Cyan (81%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308AAE 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 308AAE by changing the saturation by 10% instead.

■ 308AAE

■ 308AAE

FFFFFF

■ 007193

■ 6FBFE6

■ 005879

■ 8CDBFF

■ 004160

■ A9F8FF

■ 002B49

■ C6FFFF

■ 001732

■ E4FFFF

■ 00021D

■ 000000

■ 308AAE

■ 308AAE

■ 1F85AE

■ 418FAE

0D80AE

5394AE

007CAE

6499AE

769EAE

87A3AE

98A8AE

AAADAE

BBB2AE

CDB7AE

Harmonies

Analogous

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



148E9B



308AAE



5E83B5

Triad

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



308AAE



B26D80



758754

Complementary

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



308AAE



AE5430

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.



91804C



308AAE



B26F67

Square

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



308AAE



A3719A



A67754



568C67

Rectangle

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



308AAE



797DB1



A67754



7F854F

Sweetspot

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



308AAE



B1D5E3



30AE54



556A73



F2F2F2



737373

Same Dimension

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



308AAE



1EABE3



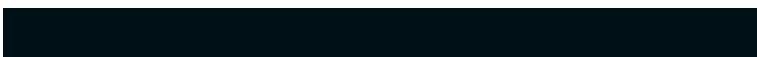
304BAE



4E5457



006B96



001017

Inverse Universe

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



AE308A



E31EAB



AE9330



574E54



96006B



170010

Previews

White Background



This preview shows how the Hex color 308AAE looks on a white background.

Color Contrast Check

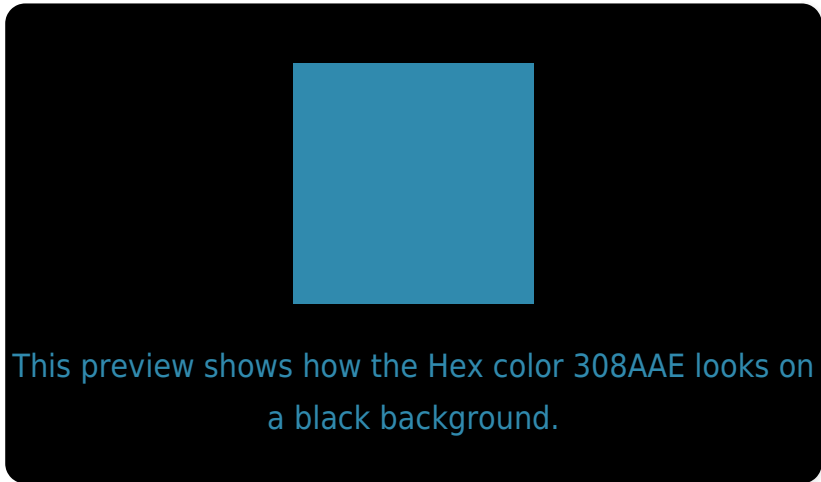
Large Text (above 18pt) WCAG AA ✓ Pass

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

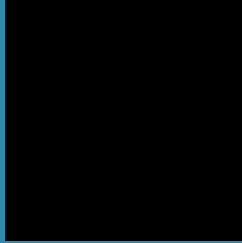
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 308AAE Background



This preview shows how black text looks on a background with the Hex color 308AAE.

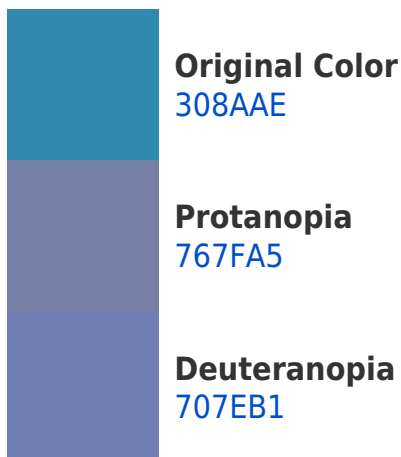


This preview shows how white text looks on a background with the Hex color 308AAE.

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](#).

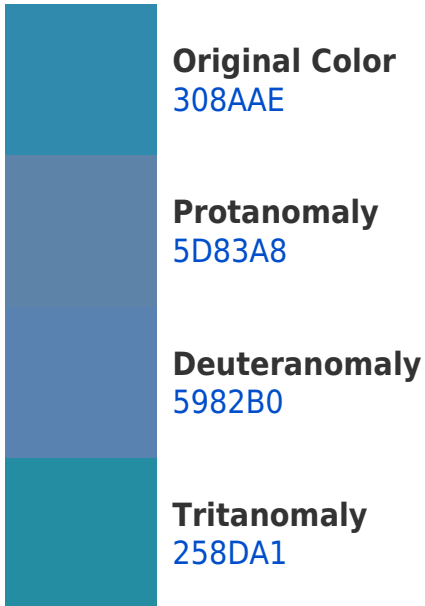
Dichromacy





Tritanopia
1F8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 308AAE 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 #308AAE looks like.

```
.text, #text, p{  
    color:#308AAE  
}
```

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 #308AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308AAE
}
```

Border

The CSS property to change the border of an element to Hex 308AAE 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
#308AAE }
```

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

```
.border{ border-color:#308AAE }
```

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

Here you see how a box with a 4 pixel #308AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308AAE; -webkit-box-shadow:4px 4px  
4px 4px #308AAE; box-shadow:4px 4px 4px  
4px #308AAE }
```

Background

The CSS property to change the background color of an element to Hex 308AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308AAE }
```

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

```
.background{ background-color:#308AAE }
```

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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