

Converting Colors

Hex(308BB3)

Have a look what the booklet for
Hex(308BB3) contains.

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Color

Hex(308BB3)

Conversions

Conversions Part 1

Format	Color
Hex	308BB3
RGB	48, 139, 179
RGB Percent	19%, 55%, 70%
CMY	0.8118, 0.4549, 0.2980
CMYK	0.73, 0.22, 0.00, 0.30
HSL	198°, 58%, 45%
HSV	198°, 73%, 70%
XYZ	18.5882, 22.3483, 45.9818
YIQ	116.3510, -67.0760, -6.8520

Conversions

Conversions Part 2

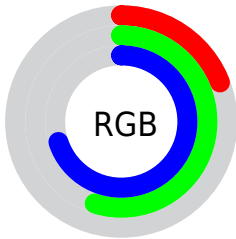
Format	Color
R _Y B	48, 102, 179
Decimal	3181491
CIE Lab	54.39, -13.20, -28.68
CIE LCh	54, 31.572, 245.288
Yxy	22.3483, 0.2139, 0.2571
Android (android.graphics.Color)	4281371571 (0xFF308BB3)
YUV	116.3510, 30.8860, -59.9438
Hunter-Lab	47.2740, -12.5429, -24.5776

Details

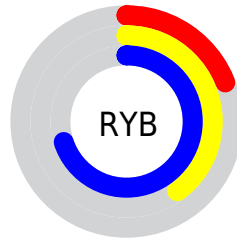
The Hex color **308BB3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B35830**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **70C0EB**, and **00597E** is the 20% darker color. If you saturate the color by 10%, you get **1E86B3**, and if you desaturate by 10%, it is **4290B3**.

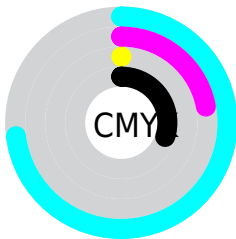
Distribution



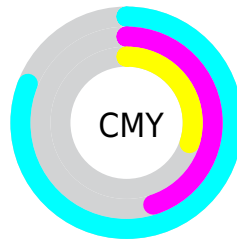
- Red (19%)
- Green (55%)
- Blue (70%)



- Red (19%)
- Yellow (40%)
- Blue (70%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (30%)



- Cyan (81%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308BB3 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 308BB3 by changing the saturation by 10% instead.

■ 308BB3

■ 308BB3

FFFFFF

■ 007298

■ 70C0EB

■ 00597E

■ 8DDCFF

■ 004265

■ AAF9FF

■ 002C4D

■ C7FFFF

■ 001836

■ E5FFFF

■ 000220

■ 000004

■ 000000

■ 308BB3

■ 308BB3

■ 1E86B3

■ 4290B3

■ 0C80B3

■ 5496B3

■ 007CB3

■ 669BB3

■ 78A1B3

■ 8AA6B3

■ 9BACB3

■ ADB1B3

■ BFB7B3

■ D1BCB3

Harmonies

Analogous

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



0090A1



308BB3



6283B8

Triad

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



308BB3



B66D7E



728A55

Complementary

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



308BB3



B35830

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.



8F824B



308BB3



B57064

Square

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



308BB3



A87099



A77951



518F6A

Rectangle

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



308BB3



7F7DB3



A77951



7C8750

Sweetspot

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



308BB3



B5D8E8



30B357



576C75



F5F5F5



757575

Same Dimension

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



308BB3



1CAAEE



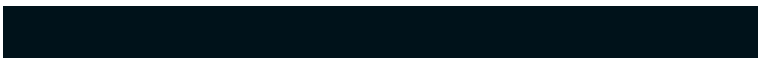
304AB3



505759



006A99



00121A

Inverse Universe

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



B3308B



E81CAA



B39930



595057



99006A



1A0012

Previews

White Background



This preview shows how the Hex color 308BB3 looks on a white background.

Color Contrast Check

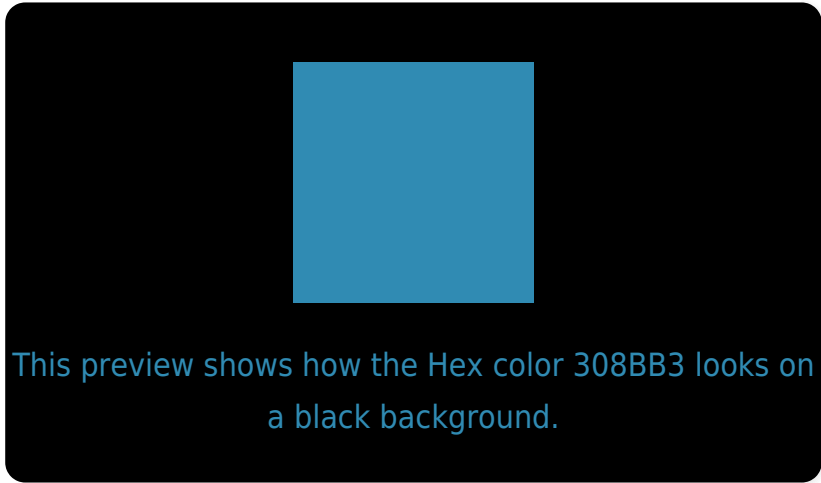
Large Text (above 18pt) WCAG AA ✓ Pass

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

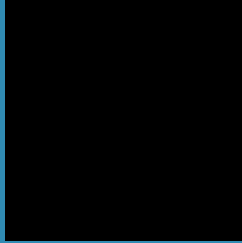
Any Text WCAG AA ✓ Pass

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 308BB3 Background



This preview shows how black text looks on a background with the Hex color 308BB3.

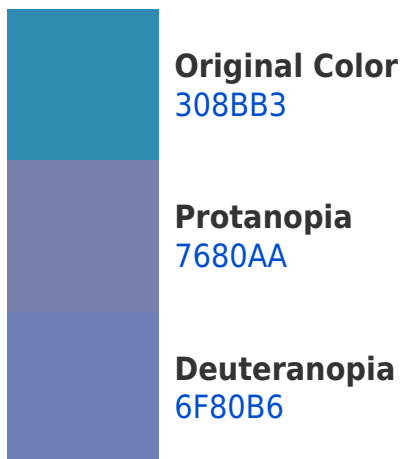


This preview shows how white text looks on a background with the Hex color 308BB3.

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](#).

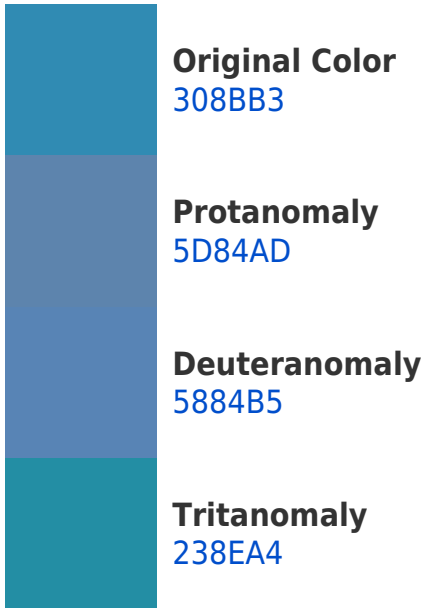
Dichromacy



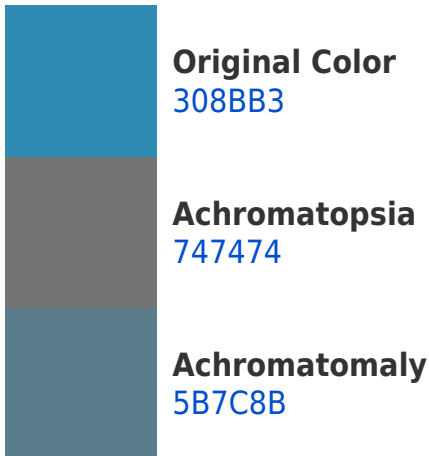


Tritanopia
1B8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 308BB3 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 #308BB3 looks like.

```
.text, #text, p{  
    color:#308BB3  
}
```

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 #308BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308BB3
}
```

Border

The CSS property to change the border of an element to Hex 308BB3 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
#308BB3 }
```

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

```
.border{ border-color:#308BB3 }
```

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

Here you see how a box with a 4 pixel #308BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308BB3; -webkit-box-shadow:4px 4px  
4px 4px #308BB3; box-shadow:4px 4px 4px  
4px #308BB3 }
```

Background

The CSS property to change the background color of an element to Hex 308BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308BB3 }
```

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

```
.background{ background-color:#308BB3 }
```

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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