

Converting Colors

Hex(308AD6)

Have a look what the booklet for
Hex(308AD6) contains.

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Color

Hex(308AD6)

Conversions

Conversions Part 1

Format	Color
Hex	308AD6
RGB	48, 138, 214
RGB Percent	19%, 54%, 84%
CMY	0.8118, 0.4588, 0.1608
CMYK	0.78, 0.36, 0.00, 0.16
HSL	207°, 67%, 51%
HSV	207°, 78%, 84%
XYZ	22.4450, 23.6604, 67.0023
YIQ	119.7540, -78.0360, 4.5560

Conversions

Conversions Part 2

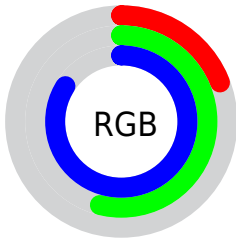
Format	Color
R_{YB}	48, 106, 214
Decimal	3181270
CIE Lab	55.75, -0.20, -46.41
CIE LCh	56, 46.414, 269.754
Yxy	23.6604, 0.1984, 0.2092
Android (android.graphics.Color)	4281371350 (0xFF308AD6)
YUV	119.7540, 46.4633, -62.9283
Hunter-Lab	48.6419, -2.7576, -47.6202

Details

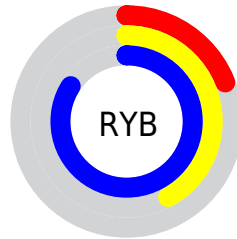
The Hex color **308AD6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle muted azure. A complement of this color would be **D67C30**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **76BFFF**, and **00599F** is the 20% darker color. If you saturate the color by 10%, you get **1B80D6**, and if you desaturate by 10%, it is **4594D6**.

Distribution



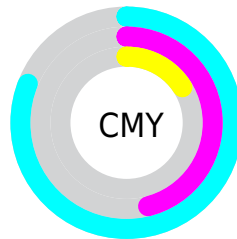
- Red (19%)
- Green (54%)
- Blue (84%)



- Red (19%)
- Yellow (42%)
- Blue (84%)



- Cyan (78%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308AD6 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 308AD6 by changing the saturation by 10% instead.

■ 308AD6

■ 308AD6

FFFFFF

■ 0071BA

■ 76BFFF

■ 00599F

■ 94DBFF

■ 004284

■ B3F7FF

■ 002C6B

■ D1FFFF

■ 001952

■ EFFFFFF

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 308AD6

■ 308AD6

■ 1B80D6

■ 4594D6

■ 0576D6

■ 5B9ED6

■ 0074D6

■ 70A7D6

■ 86B1D6

■ 9BBBD6

■ B0C5D6

■ C6CFD6

■ DBD8D6

■ F1E2D6

Harmonies

Analogous

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



0094CA



308AD6



877BCC

Triad

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



308AD6



CE6760



3E965B

Complementary

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



308AD6



D67C30

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.



748F3C



308AD6



BC7440

Square

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



308AD6



CE6288



9D8331



009984

Rectangle

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



308AD6



A970BA



9D8331



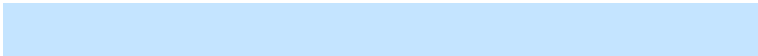
53944F

Sweetspot

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



308AD6



C4E4FF



30D67B



5C6F80



000000



808080

Same Dimension

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



308AD6



1292FF



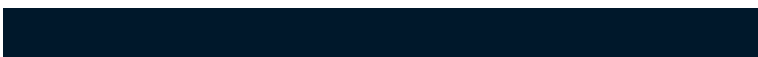
3038D6



60666B



005DAB



00182B

Inverse Universe

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



D6308A



FF1292



D6CE30



6B6066



AB005D



2B0018

Previews

White Background



This preview shows how the Hex color 308AD6 looks on a white background.

Color Contrast Check

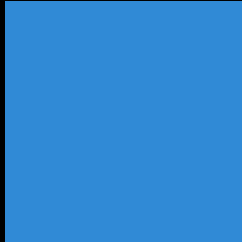
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 308AD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

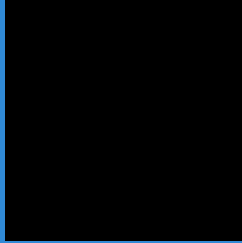
Any Text WCAG AA ✓ Pass

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 308AD6 Background



This preview shows how black text looks on a background with the Hex color 308AD6.

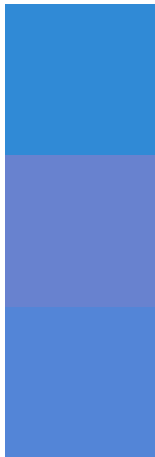


This preview shows how white text looks on a background with the Hex color 308AD6.

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](#).

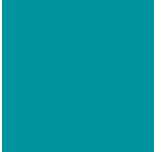
Dichromacy



Original Color
308AD6

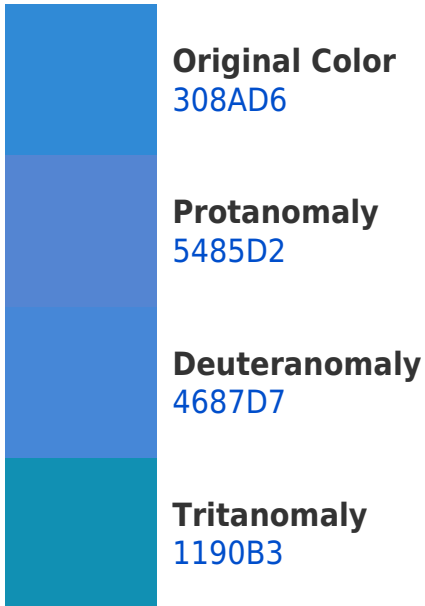
Protanopia
6882CF

Deuteranopia
5385D7

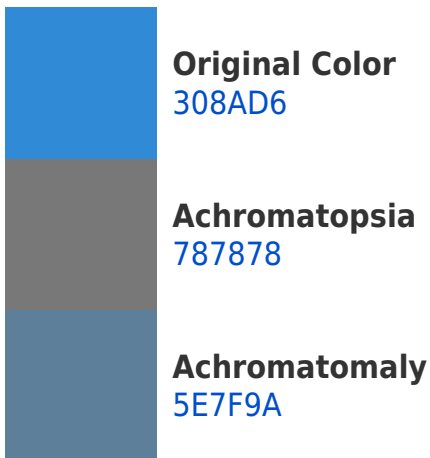


Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 308AD6 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 #308AD6 looks like.

```
.text, #text, p{  
    color:#308AD6  
}
```

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 #308AD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308AD6
}
```

Border

The CSS property to change the border of an element to Hex 308AD6 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
#308AD6 }
```

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

```
.border{ border-color:#308AD6 }
```

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

Here you see how a box with a 4 pixel #308AD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308AD6; -webkit-box-shadow:4px 4px  
4px 4px #308AD6; box-shadow:4px 4px 4px  
4px #308AD6 }
```

Background

The CSS property to change the background color of an element to Hex 308AD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308AD6 }
```

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

```
.background{ background-color:#308AD6 }
```

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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