

Converting Colors

Hex(368AD9)

Have a look what the booklet for
Hex(368AD9) contains.

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Color

Hex(368AD9)

Conversions

Conversions Part 1

Format	Color
Hex	368AD9
RGB	54, 138, 217
RGB Percent	21%, 54%, 85%
CMY	0.7882, 0.4588, 0.1490
CMYK	0.75, 0.36, 0.00, 0.15
HSL	209°, 68%, 53%
HSV	209°, 75%, 85%
XYZ	23.1342, 23.9710, 69.0532
YIQ	121.8900, -75.4230, 6.7610

Conversions

Conversions Part 2

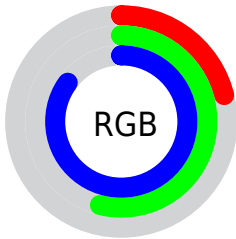
Format	Color
R _{YB}	54, 109, 217
Decimal	3574489
CIE Lab	56.06, 1.58, -47.59
CIE LCh	56, 47.619, 271.907
Yxy	23.9710, 0.1992, 0.2064
Android (android.graphics.Color)	4281764569 (0xFF368AD9)
YUV	121.8900, 46.8892, -59.5395
Hunter-Lab	48.9602, -1.3372, -49.3502

Details

The Hex color **368AD9** 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 **D98536**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7ABFFF**, and **0059A2** is the 20% darker color. If you saturate the color by 10%, you get **207FD9**, and if you desaturate by 10%, it is **4C95D9**.

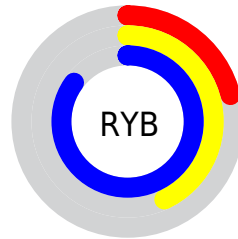
Distribution



Red (21%)

Green (54%)

Blue (85%)



Red (21%)

Yellow (43%)

Blue (85%)

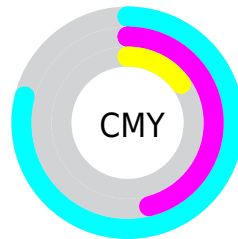


Cyan (75%)

Magenta (36%)

Yellow (0%)

Black (15%)



Cyan (79%)

Magenta (46%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368AD9 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 368AD9 by changing the saturation by 10% instead.

■ 368AD9

■ 368AD9

FFFFFF

■ 0071BD

■ 7ABFFF

■ 0059A2

■ 98DBFF

■ 004287

■ B7F7FF

■ 002C6D

■ D5FFFF

■ 001954

■ F3FFFF

■ 00063D

■ 000226

■ 00010F

■ 000000

■ 368AD9

■ 368AD9

■ 207FD9

■ 4C95D9

■ 0B75D9

■ 619FD9

■ 0070D9

■ 77AAD9

■ 8DB4D9

■ A3BFD9

■ B8C9D9

■ CED4D9

■ E4DED9

■ F9E9D9

Harmonies

Analogous

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



0095CF



368AD9



8C7ACD

Triad

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



368AD9



D0675D



36985E

Complementary

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



368AD9



D98536

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.



71913C



368AD9



BC763D

Square

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



368AD9



D16285



9B852F



009B88

Rectangle

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



368AD9



AE6FBA



9B852F



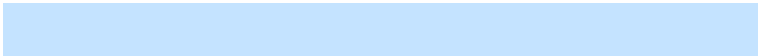
4E9651

Sweetspot

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



368AD9



C4E3FF



36D985



5C6E80



000000



808080

Same Dimension

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



368AD9



1990FF



3639D9



63686E



0059AD



00182E

Inverse Universe

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



D9368A



FF1990



D9D636



6E6368



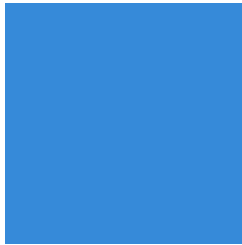
AD0059



2E0018

Previews

White Background



This preview shows how the Hex color 368AD9 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 368AD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

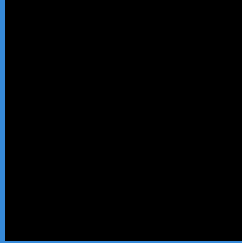
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

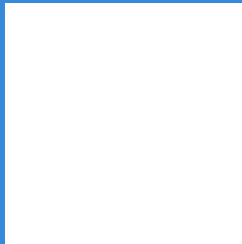
Any Text WCAG AAA × Fail

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

Hex 368AD9 Background



This preview shows how black text looks on a background with the Hex color 368AD9.

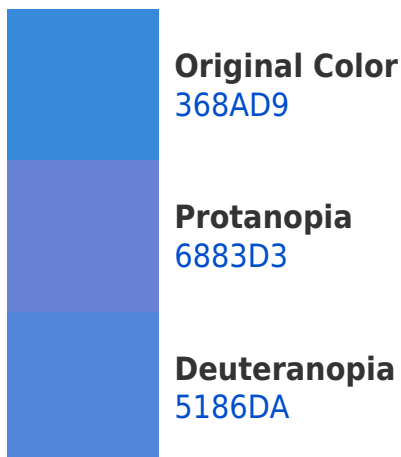


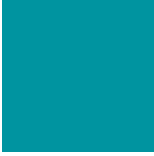
This preview shows how white text looks on a background with the Hex color 368AD9.

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](#).

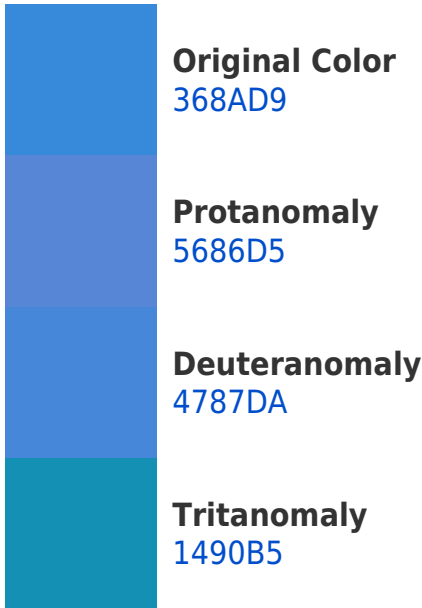
Dichromacy



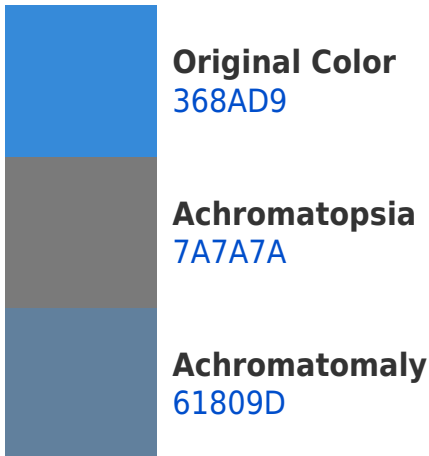


Tritanopia
0094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 368AD9 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 #368AD9 looks like.

```
.text, #text, p{  
    color:#368AD9  
}
```

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 #368AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368AD9
}
```

Border

The CSS property to change the border of an element to Hex 368AD9 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
#368AD9 }
```

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

```
.border{ border-color:#368AD9 }
```

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

Here you see how a box with a 4 pixel #368AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368AD9; -webkit-box-shadow:4px 4px  
4px 4px #368AD9; box-shadow:4px 4px 4px  
4px #368AD9 }
```

Background

The CSS property to change the background color of an element to Hex 368AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368AD9 }
```

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

```
.background{ background-color:#368AD9 }
```

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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