

Converting Colors

Hex(3BACD9)

Have a look what the booklet for
Hex(3BACD9) contains.

Hex(3BACD9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3BACD9)

Conversions

Conversions Part 1

Format	Color
Hex	3BACD9
RGB	59, 172, 217
RGB Percent	23%, 67%, 85%
CMY	0.7686, 0.3255, 0.1490
CMYK	0.73, 0.21, 0.00, 0.15
HSL	197°, 68%, 54%
HSV	197°, 73%, 85%
XYZ	29.0805, 35.4446, 70.9544
YIQ	143.3430, -81.7930, -9.9610

Conversions

Conversions Part 2

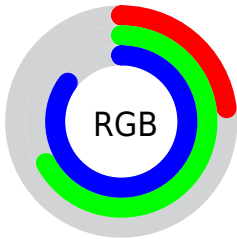
Format	Color
R _Y B	59, 125, 217
Decimal	3910873
CIE Lab	66.09, -16.93, -31.85
CIE LCh	66, 36.075, 242.007
Yxy	35.4446, 0.2146, 0.2616
Android (android.graphics.Color)	4282100953 (0xFF3BACD9)
YUV	143.3430, 36.3129, -73.9688
Hunter-Lab	59.5354, -16.9971, -28.9872

Details

The Hex color **3BACD9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D9683B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7EE3FF**, and **0078A2** is the 20% darker color. If you saturate the color by 10%, you get **25A6D9**, and if you desaturate by 10%, it is **51B2D9**.

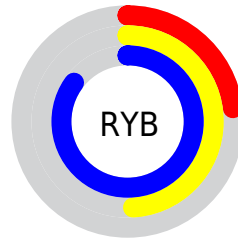
Distribution



Red (23%)

Green (67%)

Blue (85%)



Red (23%)

Yellow (49%)

Blue (85%)

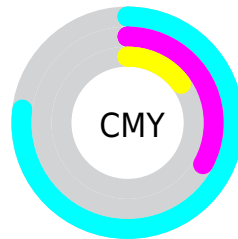


Cyan (73%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (77%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BACD9 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 3BACD9 by changing the saturation by 10% instead.

 3BACD9

 3BACD9

FFFFFF

 0091BD

 7EE3FF

 0078A2

 9DFFFF

 005F88

 BBFFFF

 00476E

 D9FFFF

 003155

 F8FFFF

 001D3E

 000328

 000111

 000000

■ 3BACD9

■ 3BACD9

■ 25A6D9

■ 51B2D9

■ 10A0D9

■ 66B8D9

■ 009BD9

■ 7CBFD9

■ 92C5D9

■ A7CBD9

■ BDD1D9

■ D3D7D9

■ E9DDD9

■ FEE4D9

Harmonies

Analogous

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



12B1C2



3BACD9



75A3E1

Triad

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



3BACD9



DE87A0



92A969

Complementary

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



3BACD9



D9683B

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.



B49F5F



3BACD9



DE8B80

Square

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



3BACD9



CB8DC0



CF9468



6BAF81

Rectangle

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



3BACD9



989BDD



CF9468



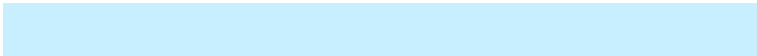
9EA663

Sweetspot

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



3BACD9



C7EFFF



3BD968



5E7680



000000



808080

Same Dimension

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



3BACD9



21C0FF



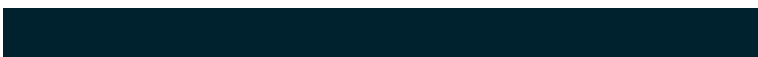
3B5DD9



636B6E



007CAD



00212E

Inverse Universe

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



D93BAC



FF21C0



D9B73B



6E636B



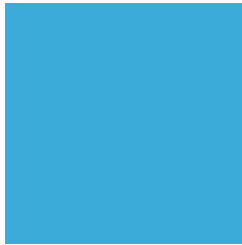
AD007C



2E0021

Previews

White Background



This preview shows how the Hex color 3BACD9 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



This preview shows how the Hex color 3BACD9 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 ✓ Pass

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

Hex 3BACD9 Background



This preview shows how black text looks on a background with the Hex color 3BACD9.

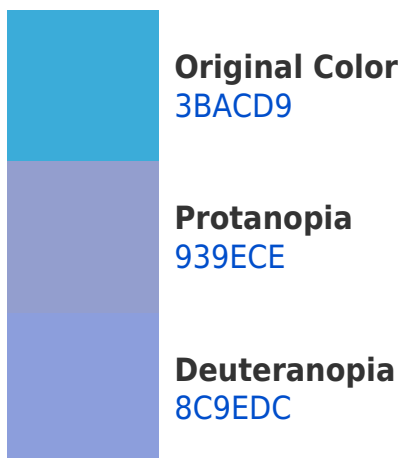


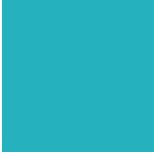
This preview shows how white text looks on a background with the Hex color 3BACD9.

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](#).

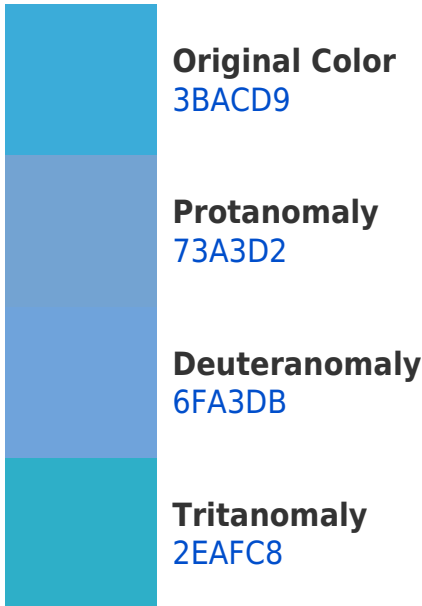
Dichromacy



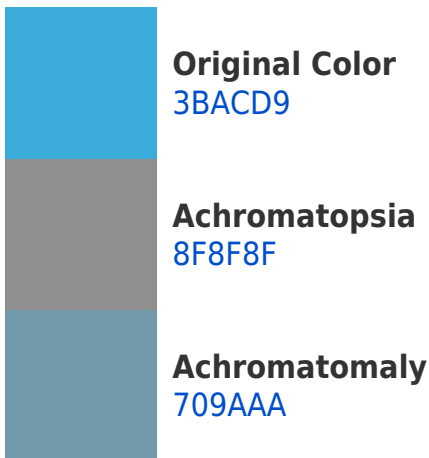


Tritanopia
26B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BACD9 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 #3BACD9 looks like.

```
.text, #text, p{  
    color:#3BACD9  
}
```

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 #3BACD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BACD9
}
```

Border

The CSS property to change the border of an element to Hex 3BACD9 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
#3BACD9 }
```

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

```
.border{ border-color:#3BACD9 }
```

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

Here you see how a box with a 4 pixel #3BACD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BACD9; -webkit-box-shadow:4px 4px  
4px 4px #3BACD9; box-shadow:4px 4px 4px  
4px #3BACD9 }
```

Background

The CSS property to change the background color of an element to Hex 3BACD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BACD9 }
```

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

```
.background{ background-color:#3BACD9 }
```

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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