

Converting Colors

Hex(36B0C9)

Have a look what the booklet for
Hex(36B0C9) contains.

Hex(36B0C9)	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(36B0C9)

Conversions

Conversions Part 1

Format	Color
Hex	36B0C9
RGB	54, 176, 201
RGB Percent	21%, 69%, 79%
CMY	0.7882, 0.3098, 0.2118
CMYK	0.73, 0.12, 0.00, 0.21
HSL	190°, 58%, 50%
HSV	190°, 73%, 79%
XYZ	27.5893, 36.0520, 60.7630
YIQ	142.3720, -80.7370, -18.0890

Conversions

Conversions Part 2

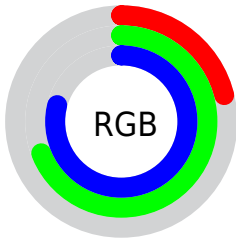
Format	Color
RYB	54, 121, 201
Decimal	3584201
CIELab	66.56, -24.80, -22.32
CIElCh	67, 33.364, 221.980
Yxy	36.0520, 0.2218, 0.2898
Android (android.graphics.Color)	4281774281 (0xFF36B0C9)
YUV	142.3720, 28.9036, -77.5022
Hunter-Lab	60.0433, -23.0569, -17.9703

Details

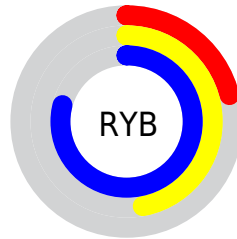
The Hex color **36B0C9** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C94F36**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **79E8FF**, and **007B93** is the 20% darker color. If you saturate the color by 10%, you get **22ADC9**, and if you desaturate by 10%, it is **4AB3C9**.

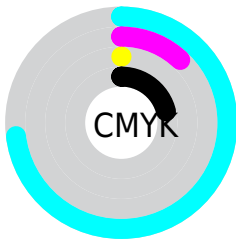
Distribution



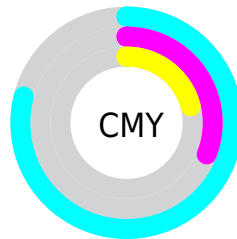
- Red (21%)
- Green (69%)
- Blue (79%)



- Red (21%)
- Yellow (47%)
- Blue (79%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B0C9 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 36B0C9 by changing the saturation by 10% instead.

 36B0C9

 36B0C9

FFFFFF

 0095AE

 79E8FF

 007B93

 98FFFF

 006279

 B6FFFF

 004A60

 D4FFFF

 003348

 F2FFFF

 002032

 00021D

 000000

 36B0C9

 36B0C9

■ 22ADC9

■ 4AB3C9

■ 0EA9C9

■ 5EB7C9

■ 00A7C9

■ 72BAC9

■ 86BEC9

■ 9BC1C9

■ AFC5C9

■ C3C8C9

■ D7CBC9

■ EBCFC9

Harmonies

Analogous

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



41B2AD



36B0C9



5BAADA

Triad

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



36B0C9



D18DB5



AAA467

Complementary

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



36B0C9



C94F36

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.



C69A69



36B0C9



DD8B97

Square

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



36B0C9



B596CF



D8907B



89AC74

Rectangle

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



36B0C9



7BA4DD



D8907B



B4A166

Sweetspot

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



36B0C9



C7F5FF



36C94E



5E7A80



000000



808080

Same Dimension

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



36B0C9



1FD9FF



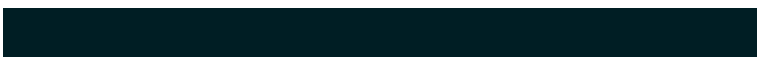
3667C9



5A6263



0087A3



001E24

Inverse Universe

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



C936B0



FF1FD9



C99836



635A62



A30087



24001E

Previews

White Background



This preview shows how the Hex color 36B0C9 looks on a white background.

Color Contrast Check

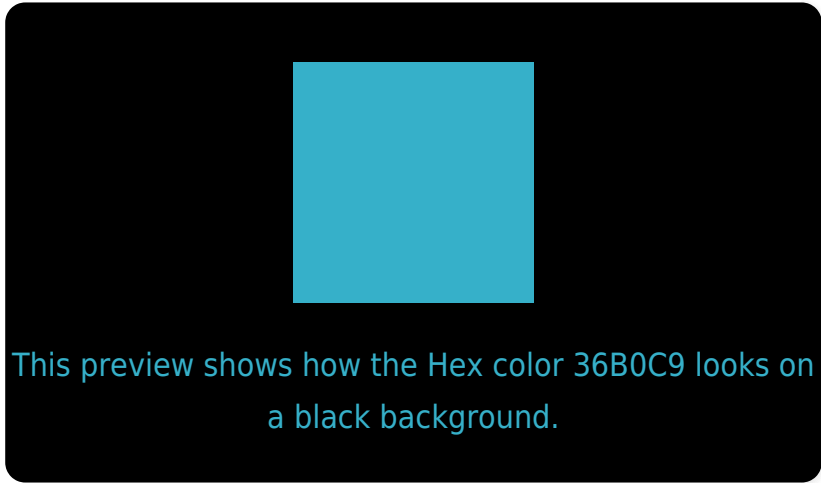
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

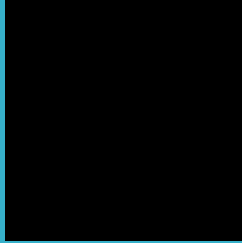
Any Text WCAG AA ✓ Pass

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 36B0C9 Background



This preview shows how black text looks on a background with the Hex color 36B0C9.



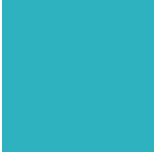
This preview shows how white text looks on a background with the Hex color 36B0C9.

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](#).

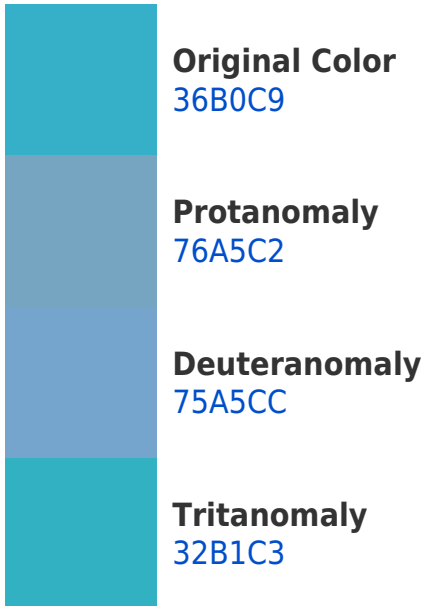
Dichromacy





Tritanopia
2FB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B0C9 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 #36B0C9 looks like.

```
.text, #text, p{  
    color:#36B0C9  
}
```

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 #36B0C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B0C9
}
```

Border

The CSS property to change the border of an element to Hex 36B0C9 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
#36B0C9 }
```

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

```
.border{ border-color:#36B0C9 }
```

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

Here you see how a box with a 4 pixel #36B0C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B0C9; -webkit-box-shadow:4px 4px  
4px 4px #36B0C9; box-shadow:4px 4px 4px  
4px #36B0C9 }
```

Background

The CSS property to change the background color of an element to Hex 36B0C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B0C9 }
```

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

```
.background{ background-color:#36B0C9 }
```

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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