

Converting Colors

Hex(36B4CA)

Have a look what the booklet for
Hex(36B4CA) contains.

Hex(36B4CA)	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(36B4CA)

Conversions

Conversions Part 1

Format	Color
Hex	36B4CA
RGB	54, 180, 202
RGB Percent	21%, 71%, 79%
CMY	0.7882, 0.2941, 0.2078
CMYK	0.73, 0.11, 0.00, 0.21
HSL	189°, 58%, 50%
HSV	189°, 73%, 79%
XYZ	28.5032, 37.6911, 61.6499
YIQ	144.8340, -82.1580, -19.8700

Conversions

Conversions Part 2

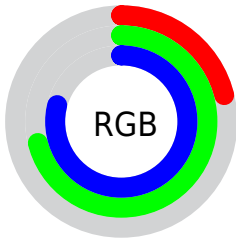
Format	Color
R _{YB}	54, 122, 202
Decimal	3585226
CIE _{Lab}	67.79, -26.50, -20.99
CIE _{LCh}	68, 33.805, 218.380
Y _{xy}	37.6911, 0.2230, 0.2948
Android (android.graphics.Color)	4281775306 (0xFF36B4CA)
YUV	144.8340, 28.1828, -79.6614
Hunter-Lab	61.3930, -24.5647, -16.5630

Details

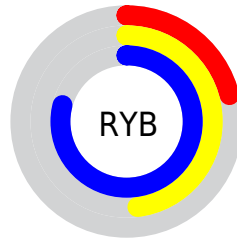
The Hex color **36B4CA** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CA4C36**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7AECFF**, and **007F94** is the 20% darker color. If you saturate the color by 10%, you get **22B1CA**, and if you desaturate by 10%, it is **4AB7CA**.

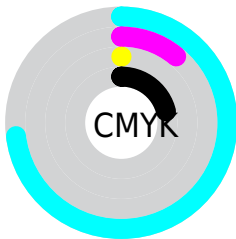
Distribution



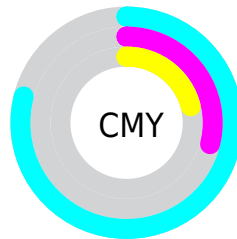
- Red (21%)
- Green (71%)
- Blue (79%)



- Red (21%)
- Yellow (48%)
- Blue (79%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B4CA 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 36B4CA by changing the saturation by 10% instead.

 36B4CA

 36B4CA

FFFFFF

 0099AF

 7AECFF

 007F94

 98FFFF

 00667A

 B6FFFF

 004D61

 D5FFFF

 003649

 F3FFFF

 002233

 00021E

 000000

 36B4CA

 36B4CA

■ 22B1CA

■ 4AB7CA

■ 0EAECA

■ 5EBACA

■ 00ACCA

■ 73BDCA

■ 87C0CA

■ 9BC3CA

■ AFC6CA

■ C3C9CA

■ D8CCCA

■ ECCFCA

Harmonies

Analogous

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



46B6AD



36B4CA



57AEDD

Triad

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



36B4CA



D391BC



B1A668

Complementary

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



36B4CA



CA4C36

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.



CD9C6D



36B4CA



E18E9E

Square

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



36B4CA



B49AD5



DE9281



90AF74

Rectangle

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



36B4CA



78A9E2



DE9281



BBA368

Sweetspot

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



36B4CA



C7F7FF



36CA4A



5E7B80



000000



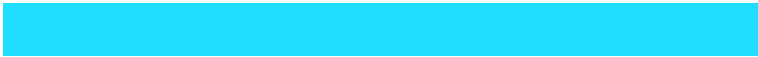
808080

Same Dimension

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



36B4CA



1FDEFF



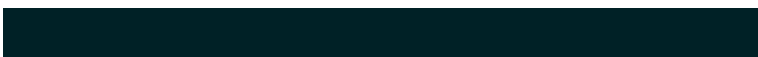
366CCA



5C6466



008DA6



002126

Inverse Universe

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



CA36B4



FF1FDE



CA9436



665C64



A6008D



260021

Previews

White Background



This preview shows how the Hex color 36B4CA 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 36B4CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

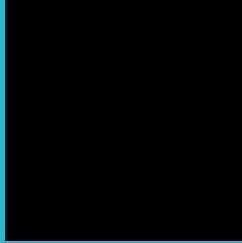
Any Text WCAG AA ✓ Pass

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 36B4CA Background



This preview shows how black text looks on a background with the Hex color 36B4CA.

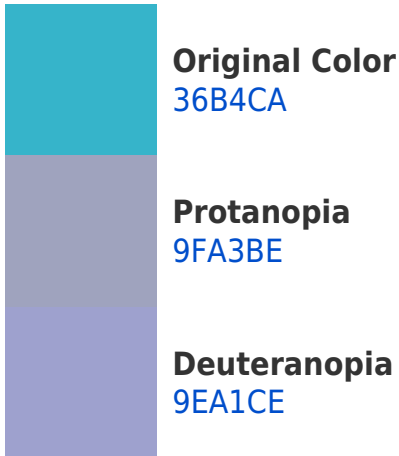


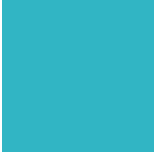
This preview shows how white text looks on a background with the Hex color 36B4CA.

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](#).

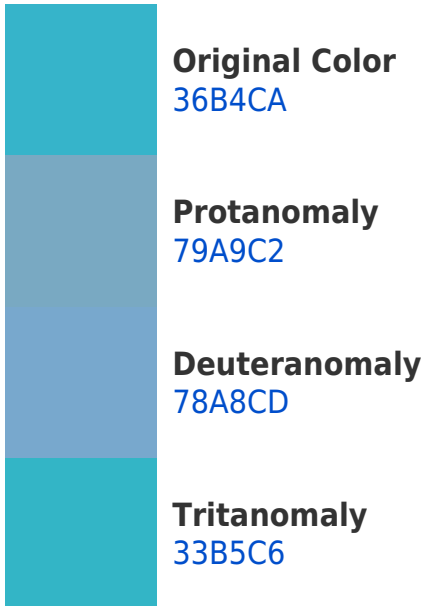
Dichromacy



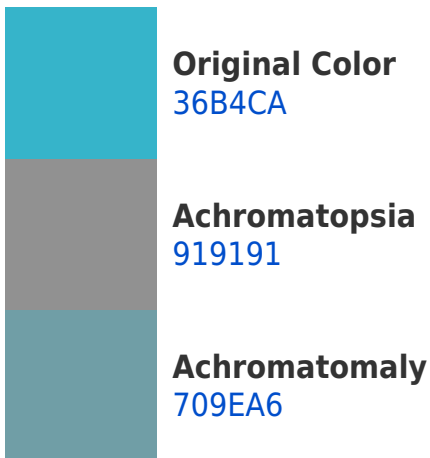


Tritanopia
31B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B4CA 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 #36B4CA looks like.

```
.text, #text, p{  
    color:#36B4CA  
}
```

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 #36B4CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B4CA
}
```

Border

The CSS property to change the border of an element to Hex 36B4CA 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
#36B4CA }
```

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

```
.border{ border-color:#36B4CA }
```

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

Here you see how a box with a 4 pixel #36B4CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B4CA; -webkit-box-shadow:4px 4px  
4px 4px #36B4CA; box-shadow:4px 4px 4px  
4px #36B4CA }
```

Background

The CSS property to change the background color of an element to Hex 36B4CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B4CA }
```

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

```
.background{ background-color:#36B4CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor