

Converting Colors

Hex(36B9CF)

Have a look what the booklet for
Hex(36B9CF) contains.

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Color

Hex(36B9CF)

Conversions

Conversions Part 1

Format	Color
Hex	36B9CF
RGB	54, 185, 207
RGB Percent	21%, 73%, 81%
CMY	0.7882, 0.2745, 0.1882
CMYK	0.74, 0.11, 0.00, 0.19
HSL	189°, 61%, 51%
HSV	189°, 74%, 81%
XYZ	30.1328, 39.9872, 65.1616
YIQ	148.3390, -85.1380, -20.9300

Conversions

Conversions Part 2

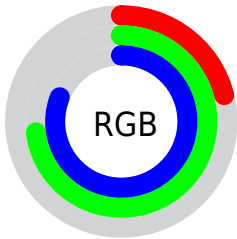
Format	Color
RYB	54, 125, 207
Decimal	3586511
CIELab	69.46, -27.43, -21.20
CIElCh	69, 34.665, 217.695
Yxy	39.9872, 0.2227, 0.2956
Android (android.graphics.Color)	4281776591 (0xFF36B9CF)
YUV	148.3390, 28.9199, -82.7353
Hunter-Lab	63.2354, -25.6037, -16.8312

Details

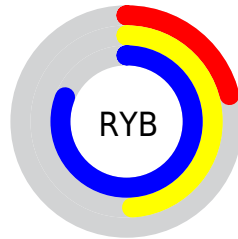
The Hex color **36B9CF** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CF4C36**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7BF1FF**, and **008499** is the 20% darker color. If you saturate the color by 10%, you get **21B6CF**, and if you desaturate by 10%, it is **4BBCCF**.

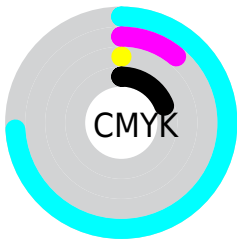
Distribution



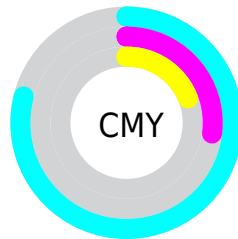
- Red (21%)
- Green (73%)
- Blue (81%)



- Red (21%)
- Yellow (49%)
- Blue (81%)



- Cyan (74%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (79%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B9CF 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 36B9CF by changing the saturation by 10% instead.

 36B9CF

 36B9CF

FFFFFF

 009EB3

 7BF1FF

 008499

 9AFFFF

 006A7F

 B8FFFF

 005166

 D6FFFF

 003A4E

 F5FFFF

 002537

 000222

 000007

 000000

■ 36B9CF

■ 36B9CF

■ 21B6CF

■ 4BBCCF

■ 0DB3CF

■ 5FBFCF

■ 00B1CF

■ 74C2CF

■ 89C5CF

■ 9EC8CF

■ B2CBCF

■ C7CECF

■ DCD1CF

■ F0D4CF

Harmonies

Analogous

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



48BBB1



36B9CF



58B3E3

Triad

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



36B9CF



D895C2



B7AA6B

Complementary

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



36B9CF



CF4C36

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.



D3A070



36B9CF



E792A3

Square

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



36B9CF



B89FDB



E49685



95B377

Rectangle

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



36B9CF



7AADE8



E49685



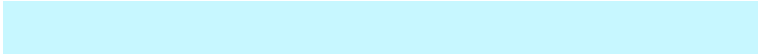
C1A76B

Sweetspot

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



36B9CF



C7F7FF



36CF4A



5E7B80



000000



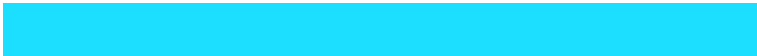
808080

Same Dimension

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



36B9CF



1CDEFF



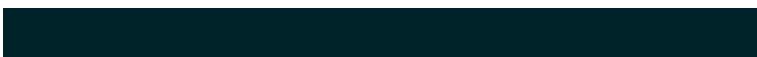
366ECF



5E6769



0090A8



002329

Inverse Universe

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



CF36B9



FF1CDE



CF9736



695E67



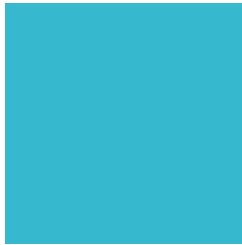
A80090



290023

Previews

White Background



This preview shows how the Hex color 36B9CF looks on a white background.

Color Contrast Check

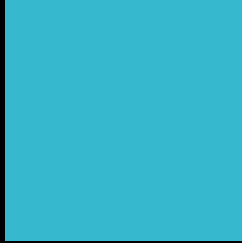
Large Text (above 18pt) WCAG AA × Fail

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 36B9CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

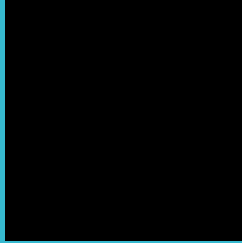
Any Text WCAG AA ✓ Pass

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 36B9CF Background



This preview shows how black text looks on a background with the Hex color 36B9CF.

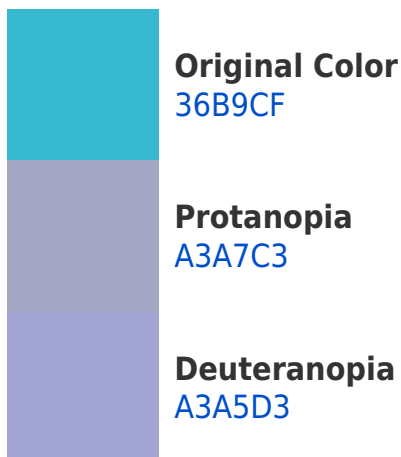


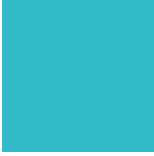
This preview shows how white text looks on a background with the Hex color 36B9CF.

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](#).

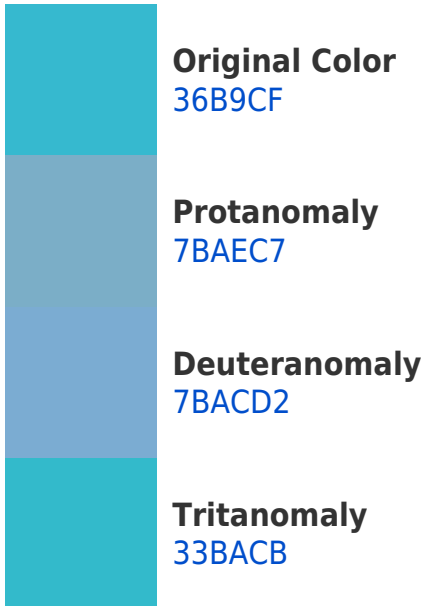
Dichromacy





Tritanopia
32BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B9CF 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 #36B9CF looks like.

```
.text, #text, p{  
    color:#36B9CF  
}
```

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 #36B9CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B9CF
}
```

Border

The CSS property to change the border of an element to Hex 36B9CF 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
#36B9CF }
```

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

```
.border{ border-color:#36B9CF }
```

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

Here you see how a box with a 4 pixel #36B9CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B9CF; -webkit-box-shadow:4px 4px  
4px 4px #36B9CF; box-shadow:4px 4px 4px  
4px #36B9CF }
```

Background

The CSS property to change the background color of an element to Hex 36B9CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B9CF }
```

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

```
.background{ background-color:#36B9CF }
```

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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