

Converting Colors

Hex(36B2CF)

Have a look what the booklet for
Hex(36B2CF) contains.

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Color

Hex(36B2CF)

Conversions

Conversions Part 1

Format	Color
Hex	36B2CF
RGB	54, 178, 207
RGB Percent	21%, 70%, 81%
CMY	0.7882, 0.3020, 0.1882
CMYK	0.74, 0.14, 0.00, 0.19
HSL	191°, 61%, 51%
HSV	191°, 74%, 81%
XYZ	28.7042, 37.1301, 64.6854
YIQ	144.2300, -83.2130, -17.2690

Conversions

Conversions Part 2

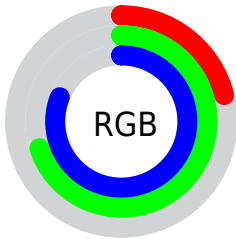
Format	Color
R _{YB}	54, 122, 207
Decimal	3584719
CIE Lab	67.37, -23.91, -24.38
CIE LCh	67, 34.151, 225.554
Yxy	37.1301, 0.2199, 0.2845
Android (android.graphics.Color)	4281774799 (0xFF36B2CF)
YUV	144.2300, 30.9456, -79.1317
Hunter-Lab	60.9344, -22.5498, -20.2857

Details

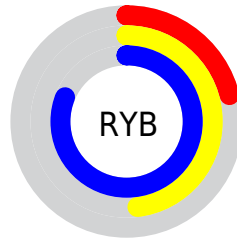
The Hex color **36B2CF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle muted azure. A complement of this color would be **CF5336**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7AEAFF**, and **007D99** is the 20% darker color. If you saturate the color by 10%, you get **21AECF**, and if you desaturate by 10%, it is **4BB6CF**.

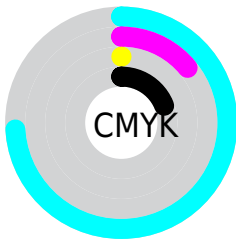
Distribution



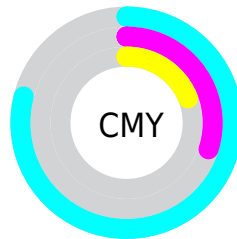
- Red (21%)
- Green (70%)
- Blue (81%)



- Red (21%)
- Yellow (48%)
- Blue (81%)



- Cyan (74%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (79%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B2CF 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 36B2CF by changing the saturation by 10% instead.

 36B2CF

 36B2CF

FFFFFF

 0097B3

 7AEAFF

 007D99

 99FFFF

 00647F

 B7FFFF

 004C65

 D5FFFF

 00354D

 F4FFFF

 002136

 000221

 000006

 000000

■ 36B2CF

■ 36B2CF

■ 21AECF

■ 4BB6CF

■ 0DAACF

■ 5FBACF

■ 00A8CF

■ 74BECF

■ 89C2CF

■ 9EC6CF

■ B2CACF

■ C7CDCF

■ DCD1CF

■ F0D5CF

Harmonies

Analogous

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



3BB5B3



36B2CF



61ABDF

Triad

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



36B2CF



D78EB4



A9A768

Complementary

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



36B2CF



CF5336

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.



C69D69



36B2CF



E18D95

Square

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



36B2CF



BC96CF



DA9379



86AF78

Rectangle

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



36B2CF



82A5E1



DA9379



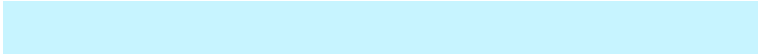
B3A466

Sweetspot

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



36B2CF



C7F4FF



36CF52



5E7980



000000



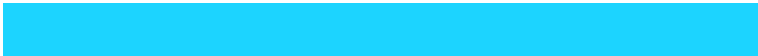
808080

Same Dimension

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



36B2CF



1CD4FF



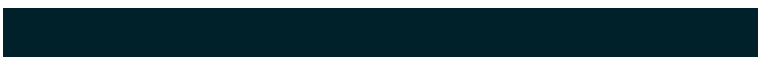
3666CF



5E6769



0088A8



002129

Inverse Universe

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



CF36B2



FF1CD4



CF9F36



695E67



A80088



290021

Previews

White Background



This preview shows how the Hex color 36B2CF 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 36B2CF 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 36B2CF Background



This preview shows how black text looks on a background with the Hex color 36B2CF.

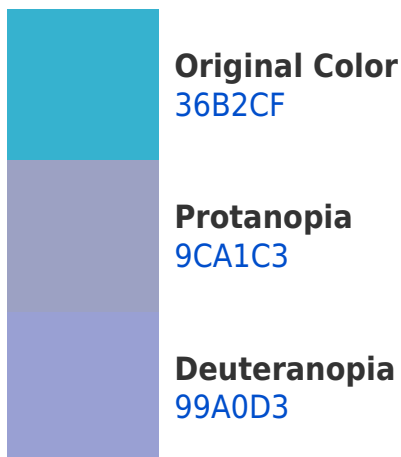


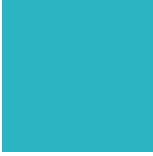
This preview shows how white text looks on a background with the Hex color 36B2CF.

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](#).

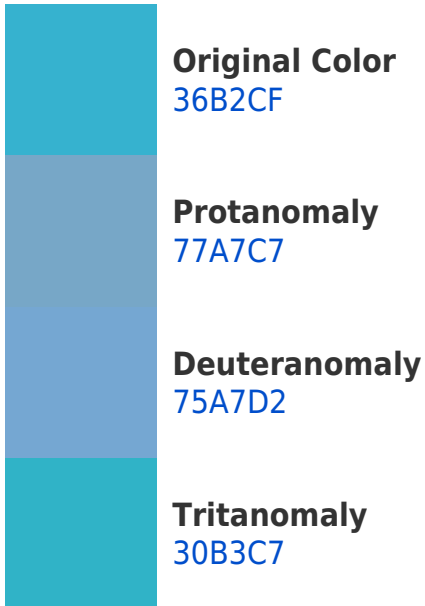
Dichromacy



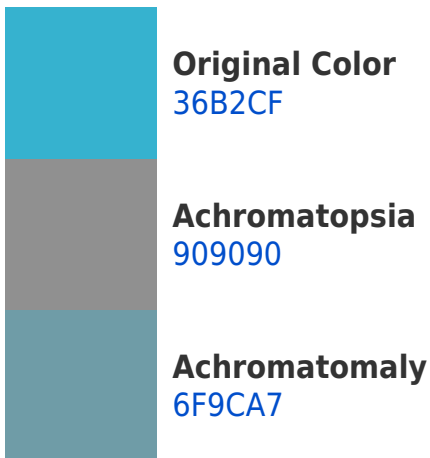


Tritanopia
2CB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B2CF 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 #36B2CF looks like.

```
.text, #text, p{  
    color:#36B2CF  
}
```

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 #36B2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B2CF
}
```

Border

The CSS property to change the border of an element to Hex 36B2CF 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
#36B2CF }
```

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

```
.border{ border-color:#36B2CF }
```

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

Here you see how a box with a 4 pixel #36B2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B2CF; -webkit-box-shadow:4px 4px  
4px 4px #36B2CF; box-shadow:4px 4px 4px  
4px #36B2CF }
```

Background

The CSS property to change the background color of an element to Hex 36B2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B2CF }
```

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

```
.background{ background-color:#36B2CF }
```

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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