

Converting Colors

Hex(35B4CF)

Have a look what the booklet for
Hex(35B4CF) contains.

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Color

Hex(35B4CF)

Conversions

Conversions Part 1

Format	Color
Hex	35B4CF
RGB	53, 180, 207
RGB Percent	21%, 71%, 81%
CMY	0.7922, 0.2941, 0.1882
CMYK	0.74, 0.13, 0.00, 0.19
HSL	191°, 62%, 51%
HSV	191°, 74%, 81%
XYZ	29.0519, 37.9044, 64.8166
YIQ	145.1050, -84.3590, -18.5270

Conversions

Conversions Part 2

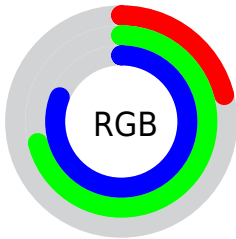
Format	Color
R _{YB}	53, 123, 207
Decimal	3519695
CIE Lab	67.95, -25.05, -23.50
CIE LCh	68, 34.346, 223.179
Yxy	37.9044, 0.2205, 0.2876
Android (android.graphics.Color)	4281709775 (0xFF35B4CF)
YUV	145.1050, 30.5142, -80.7761
Hunter-Lab	61.5665, -23.5111, -19.3233

Details

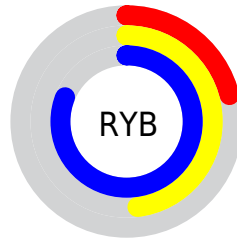
The Hex color **35B4CF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle muted azure. A complement of this color would be **CF5035**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7AECFF**, and **007F99** is the 20% darker color. If you saturate the color by 10%, you get **20B0CF**, and if you desaturate by 10%, it is **4AB8CF**.

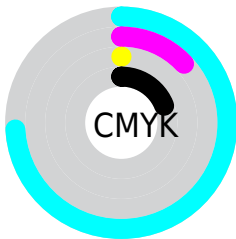
Distribution



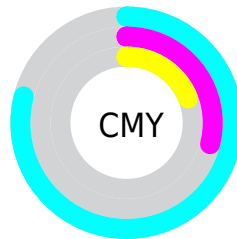
- Red (21%)
- Green (71%)
- Blue (81%)



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



- Cyan (74%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (79%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35B4CF 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 35B4CF by changing the saturation by 10% instead.

 35B4CF

 35B4CF


FFFFFF

 0099B3

 7AECFF

 007F99

 98FFFF

 00667F

 B7FFFF

 004D66

 D5FFFF

 00364D

 F4FFFF

 002236

 000221

 000007

 000000

■ 35B4CF

■ 35B4CF

■ 20B0CF

■ 4AB8CF

■ 0CADCF

■ 5EBBCF

■ 00ABCF

■ 73BFCF

■ 88C3CF

■ 9DC6CF

■ B1CACF

■ C6CDCF

■ DBD1CF

■ EFD5CF

Harmonies

Analogous

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



3FB6B3



35B4CF



5EAEE0

Triad

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



35B4CF



D790B8



ADA868

Complementary

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



35B4CF



CF5035

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.



CA9E6B



35B4CF



E38E99

Square

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



35B4CF



BB99D3



DD947D



8AB077

Rectangle

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



35B4CF



7FA7E3



DD947D



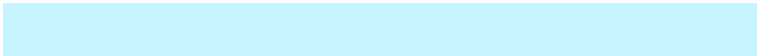
B7A567

Sweetspot

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



35B4CF



C7F5FF



35CF4F



5E7A80



000000



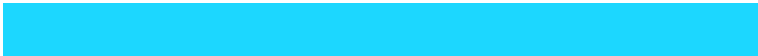
808080

Same Dimension

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



35B4CF



1CD7FF



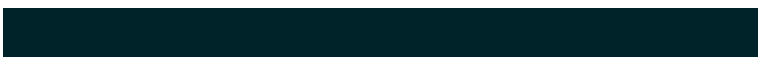
3568CF



5E6769



008BA8



002229

Inverse Universe

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



CF35B4



FF1CD7



CF9C35



695E67



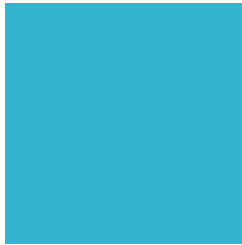
A8008B



290022

Previews

White Background



This preview shows how the Hex color 35B4CF 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 35B4CF 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 35B4CF Background



This preview shows how black text looks on a background with the Hex color 35B4CF.

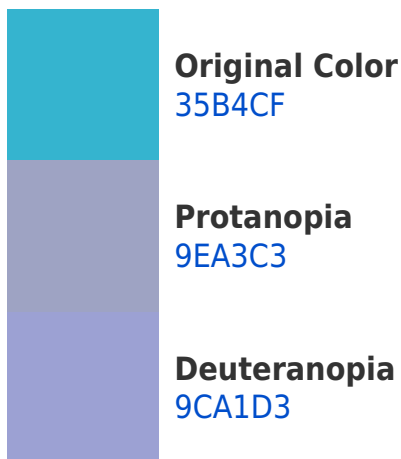


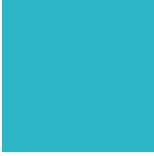
This preview shows how white text looks on a background with the Hex color 35B4CF.

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](#).

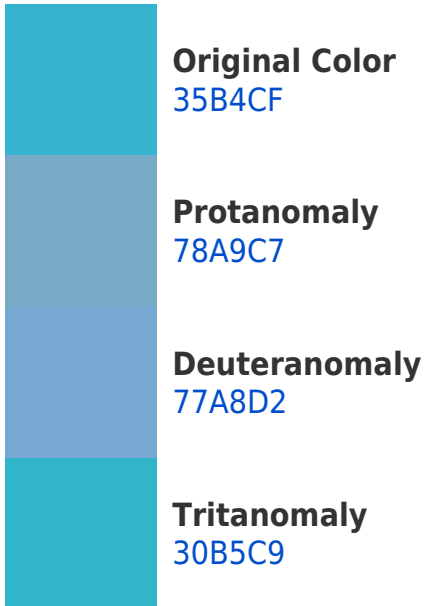
Dichromacy



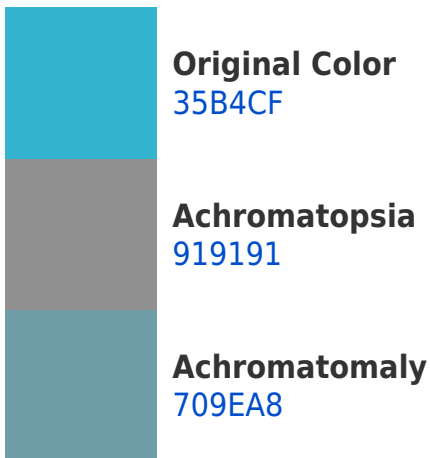


Tritanopia
2DB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35B4CF 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 #35B4CF looks like.

```
.text, #text, p{  
    color:#35B4CF  
}
```

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 #35B4CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B4CF
}
```

Border

The CSS property to change the border of an element to Hex 35B4CF 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
#35B4CF }
```

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

```
.border{ border-color:#35B4CF }
```

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

Here you see how a box with a 4 pixel #35B4CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B4CF; -webkit-box-shadow:4px 4px  
4px 4px #35B4CF; box-shadow:4px 4px 4px  
4px #35B4CF }
```

Background

The CSS property to change the background color of an element to Hex 35B4CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B4CF }
```

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

```
.background{ background-color:#35B4CF }
```

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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