

Converting Colors

Hex(36A5CF)

Have a look what the booklet for
Hex(36A5CF) contains.

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Color

Hex(36A5CF)

Conversions

Conversions Part 1

Format	Color
Hex	36A5CF
RGB	54, 165, 207
RGB Percent	21%, 65%, 81%
CMY	0.7882, 0.3529, 0.1882
CMYK	0.74, 0.20, 0.00, 0.19
HSL	196°, 61%, 51%
HSV	196°, 74%, 81%
XYZ	26.2389, 32.1995, 63.8637
YIQ	136.5990, -79.6380, -10.4700

Conversions

Conversions Part 2

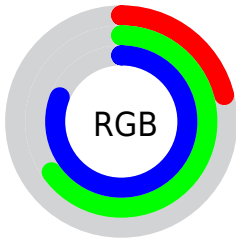
Format	Color
R _{YB}	54, 118, 207
Decimal	3581391
CIE Lab	63.51, -17.14, -30.33
CIE LCh	64, 34.840, 240.533
Yxy	32.1995, 0.2145, 0.2633
Android (android.graphics.Color)	4281771471 (0xFF36A5CF)
YUV	136.5990, 34.7077, -72.4393
Hunter-Lab	56.7446, -16.7640, -27.0071

Details

The Hex color **36A5CF** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CF6036**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **79DCFF**, and **007198** is the 20% darker color. If you saturate the color by 10%, you get **219FCF**, and if you desaturate by 10%, it is **4BABCFF**.

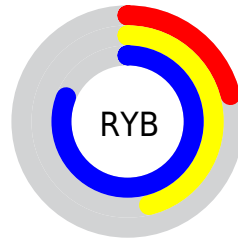
Distribution



Red (21%)

Green (65%)

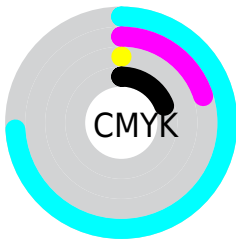
Blue (81%)



Red (21%)

Yellow (46%)

Blue (81%)

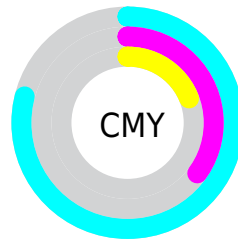


Cyan (74%)

Magenta (20%)

Yellow (0%)

Black (19%)



Cyan (79%)

Magenta (35%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36A5CF 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 36A5CF by changing the saturation by 10% instead.

 36A5CF

 36A5CF

FFFFFF

 008BB3

 79DCFF

 007198

 98F9FF

 00597E

 B6FFFF

 004165

 D4FFFF

 002B4D

 F2FFFF

 001736

 000220

 000005

 000000

■ 36A5CF

■ 36A5CF

■ 219FCF

■ 4BABCFF

■ 0D9ACF

■ 5FB0CF

■ 0096CF

■ 74B6CF

■ 89BCCF

■ 9EC1CF

■ B2C7CF

■ C7CDCF

■ DCD2CF

■ F0D8CF

Harmonies

Analogous

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



14AAB8



36A5CF



6E9DD7

Triad

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



36A5CF



D4829A



8DA163

Complementary

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



36A5CF



CF6036

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.



AE985B



36A5CF



D5847C

Square

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



36A5CF



C187B9



C78D65



68A87A

Rectangle

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



36A5CF



8F95D4



C78D65



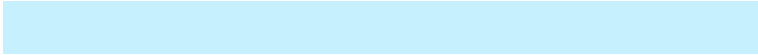
999F5F

Sweetspot

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



36A5CF



C7F0FF



36CF5F



5E7680



000000



808080

Same Dimension

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



36A5CF



1CC1FF



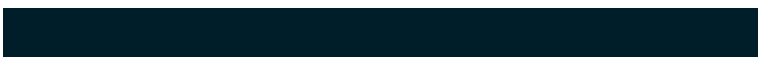
365ACF



5E6669



007AA8



001E29

Inverse Universe

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



CF36A5



FF1CC1



CFAB36



695E66



A8007A



29001E

Previews

White Background



This preview shows how the Hex color 36A5CF looks on a white background.

Color Contrast Check

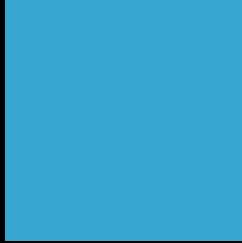
Large Text (above 18pt) WCAG AA × Fail

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 36A5CF 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 36A5CF Background



This preview shows how black text looks on a background with the Hex color 36A5CF.

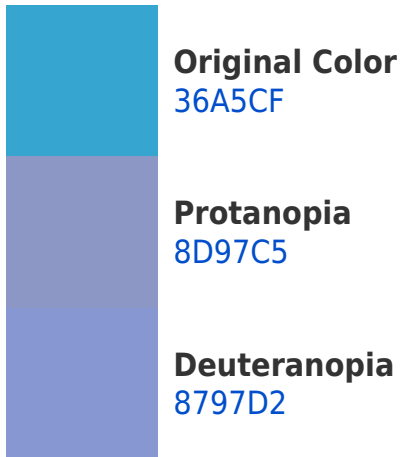


This preview shows how white text looks on a background with the Hex color 36A5CF.

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](#).

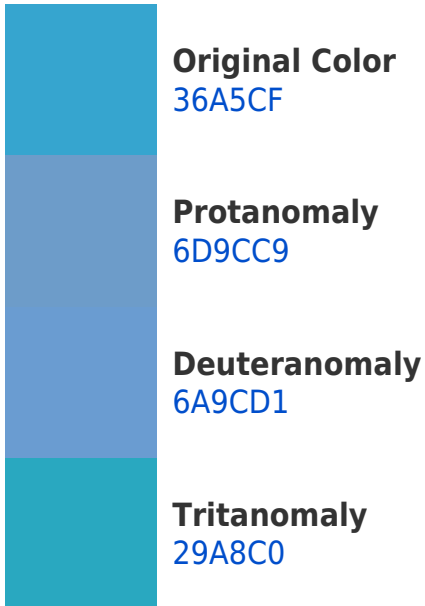
Dichromacy





Tritanopia
21A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36A5CF 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 #36A5CF looks like.

```
.text, #text, p{  
    color:#36A5CF  
}
```

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 #36A5CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A5CF
}
```

Border

The CSS property to change the border of an element to Hex 36A5CF 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
#36A5CF }
```

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

```
.border{ border-color:#36A5CF }
```

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

Here you see how a box with a 4 pixel #36A5CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A5CF; -webkit-box-shadow:4px 4px  
4px 4px #36A5CF; box-shadow:4px 4px 4px  
4px #36A5CF }
```

Background

The CSS property to change the background color of an element to Hex 36A5CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A5CF }
```

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

```
.background{ background-color:#36A5CF }
```

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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