

# Converting Colors

Hex(36A0CA)

Have a look what the booklet for  
Hex(36A0CA) contains.

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# **Color**

**Hex(36A0CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36A0CA
RGB	54, 160, 202
RGB Percent	21%, 63%, 79%
CMY	0.7882, 0.3725, 0.2078
CMYK	0.73, 0.21, 0.00, 0.21
HSL	197°, 58%, 50%
HSV	197°, 73%, 79%
XYZ	24.7528, 30.1901, 60.3998
YIQ	133.0940, -76.6580, -9.4100

# Conversions

## Conversions Part 2

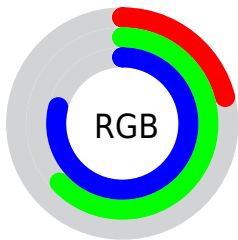
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	54, 116, 202
Decimal	3580106
CIE Lab	61.82, -16.12, -30.16
CIE LCh	62, 34.201, 241.875
Yxy	30.1901, 0.2146, 0.2617
Android (android.graphics.Color)	4281770186 (0xFF36A0CA)
YUV	133.0940, 33.9707, -69.3654
Hunter-Lab	54.9456, -15.7411, -26.7136

# Details

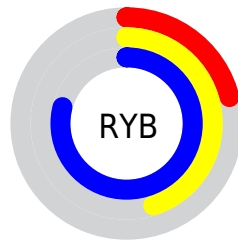
The Hex color **36A0CA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CA6036**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **78D7FF**, and **006C94** is the 20% darker color. If you saturate the color by 10%, you get **229ACA**, and if you desaturate by 10%, it is **4AA6CA**.

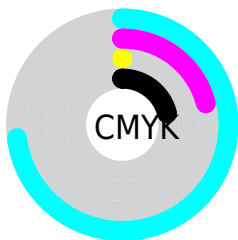
# Distribution



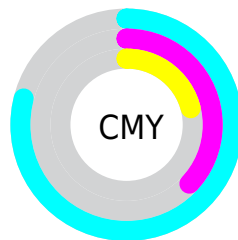
- Red (21%)
- Green (63%)
- Blue (79%)



- Red (21%)
- Yellow (45%)
- Blue (79%)



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



- Cyan (79%)
- Magenta (37%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36A0CA 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 36A0CA by changing the saturation by 10% instead.



 36A0CA

 36A0CA

FFFFFF

 0086AF

 78D7FF

 006C94

 96F3FF

 00547A

 B4FFFF

 003D61

 D2FFFF

 002749

 F0FFFF

 001032

 00021D

 000000

 36A0CA

 36A0CA

■ 229ACA

■ 4AA6CA

■ 0E95CA

■ 5EABCA

■ 0091CA

■ 73B1CA

■ 87B7CA

■ 9BBDCA

■ AFC2CA

■ C3C8CA

■ D8CECA

■ ECD4CA

# Harmonies

## Analogous

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



10A5B4



36A0CA



6C98D1

# Triad

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



36A0CA



CE7E95



889D61

# Complementary

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



36A0CA



CA6036

# 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.



A79458



36A0CA



CF8177

# Square

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



36A0CA



BD83B2



C08A61



63A378

# Rectangle

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



36A0CA



8D91CD



C08A61



939A5C

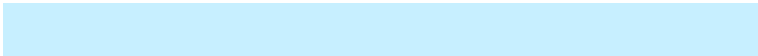


# Sweetspot

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



36A0CA



C7EFFF



36CA60



5E7680



000000



808080



# Same Dimension

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



36A0CA



1FBFFF



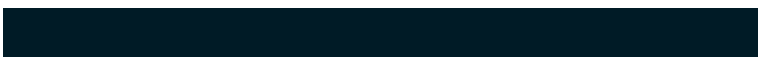
3656CA



5C6366



0077A6



001B26



# Inverse Universe

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



CA36A0



FF1FBF



CAAA36



665C63



A60077



26001B



# Previews

## White Background



This preview shows how the Hex color 36A0CA 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 36A0CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

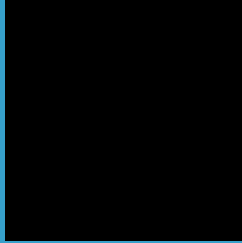
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36A0CA Background



This preview shows how black text looks on a background with the Hex color 36A0CA.

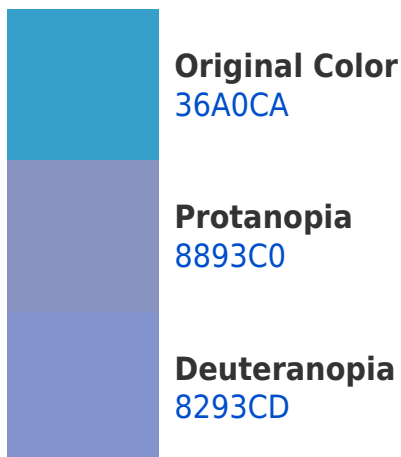


This preview shows how white text looks on a background with the Hex color 36A0CA.

# 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](#).

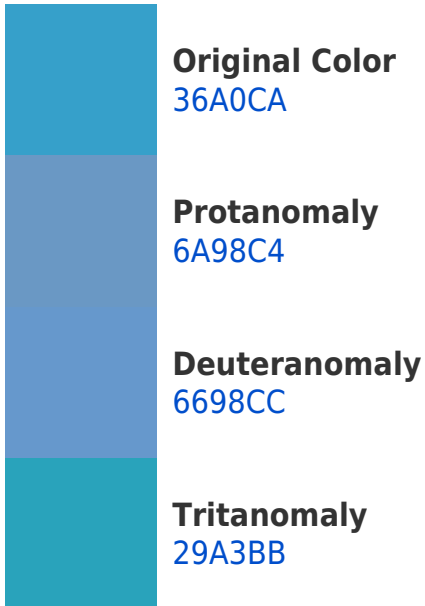
## Dichromacy





**Tritanopia**  
21A4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36A0CA 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 #36A0CA looks like.

```
.text, #text, p{  
    color:#36A0CA  
}
```

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 #36A0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A0CA
}
```

## Border

The CSS property to change the border of an element to Hex 36A0CA 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
#36A0CA }
```

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

```
.border{ border-color:#36A0CA }
```

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

Here you see how a box with a 4 pixel #36A0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A0CA; -webkit-box-shadow:4px 4px  
4px 4px #36A0CA; box-shadow:4px 4px 4px  
4px #36A0CA }
```

# Background

The CSS property to change the background color of an element to Hex 36A0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A0CA }
```

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

```
.background{ background-color:#36A0CA }
```

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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