

# Converting Colors

Hex(36A6C3)

Have a look what the booklet for  
Hex(36A6C3) contains.

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# **Color**

**Hex(36A6C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36A6C3
RGB	54, 166, 195
RGB Percent	21%, 65%, 76%
CMY	0.7882, 0.3490, 0.2353
CMYK	0.72, 0.15, 0.00, 0.24
HSL	192°, 57%, 49%
HSV	192°, 72%, 76%
XYZ	25.0079, 31.9968, 56.4877
YIQ	135.8180, -76.0610, -14.7250

# Conversions

## Conversions Part 2

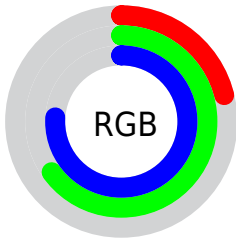
Format	Color
R <sub>YB</sub>	54, 116, 195
Decimal	3581635
CIE Lab	63.34, -21.59, -23.91
CIE LCh	63, 32.217, 227.919
Yxy	31.9968, 0.2203, 0.2819
Android (android.graphics.Color)	4281771715 (0xFF36A6C3)
YUV	135.8180, 29.1767, -71.7544
Hunter-Lab	56.5657, -20.0747, -19.6122




# Details

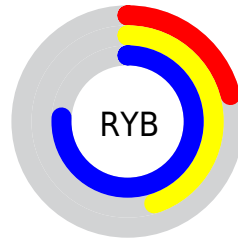
The Hex color **36A6C3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C35336**, and the grayscale version is **888888**.




A 20% lighter version of the original color is **78DDFC**, and **00728D** is the 20% darker color. If you saturate the color by 10%, you get **23A2C3**, and if you desaturate by 10%, it is **4AAAC3**.

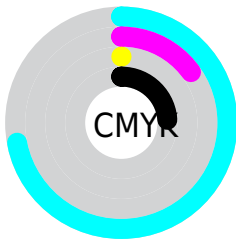
# Distribution







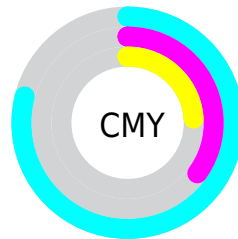
-  Red (21%)
-  Green (65%)
-  Blue (76%)






-  Red (21%)
-  Yellow (45%)
-  Blue (76%)



-  Cyan (72%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (24%)



-  Cyan (79%)
-  Magenta (35%)
-  Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36A6C3 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 36A6C3 by changing the saturation by 10% instead.



 36A6C3

 36A6C3

FFFFFF

 008CA8

 78DDFC

 00728D

 96FAFF

 005974

 B3FFFF

 00415B

 D1FFFF

 002B43

 F0FFFF

 00162D

 000118

 000000

 36A6C3

 36A6C3

■ 23A2C3

■ 4AAAC3

■ 0F9EC3

■ 5DAEC3

■ 009BC3

■ 70B2C3

■ 84B6C3

■ 98BAC3

■ ABBEC3

■ BEC2C3

■ D2C6C3

■ E6CAC3

# Harmonies

## Analogous

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



36A9AA



36A6C3



5EA0D1

# Triad

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



36A6C3



CA85A6



9B9D62

# Complementary

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



36A6C3



C35336

# 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.



B79461



36A6C3



D28489

# Square

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



36A6C3



B28CC0



CB8A70



7BA472

# Rectangle

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



36A6C3



7D9AD2



CB8A70



A59A60

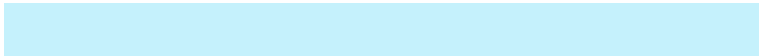


# Sweetspot

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



36A6C3



C5F1FC



36C352



5E7980



000000



808080

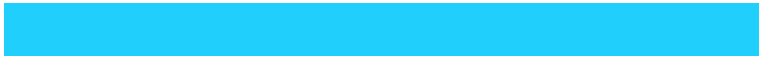


# Same Dimension

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



36A6C3



21CFFC



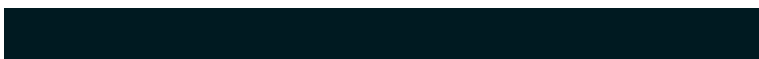
3660C3



575F61



0080A1



001A21



# Inverse Universe

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



C336A6



FC21CF



C39936



61575F



A10080



21001A



# Previews

## White Background



This preview shows how the Hex color 36A6C3 looks on a white background.

## Color Contrast Check

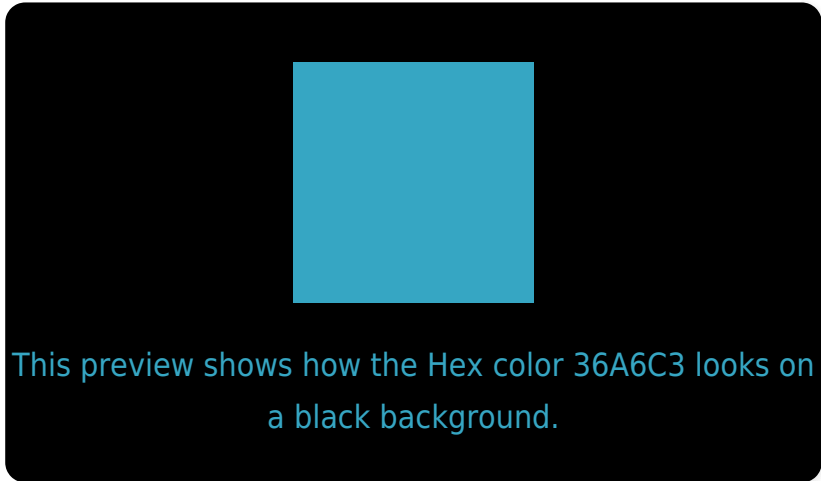
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

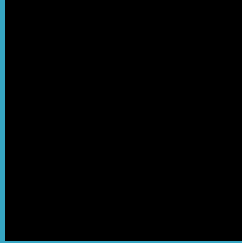
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 36A6C3 Background



This preview shows how black text looks on a background with the Hex color 36A6C3.

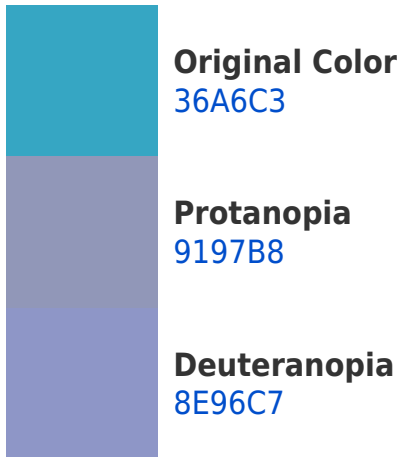


This preview shows how white text looks on a background with the Hex color 36A6C3.

# 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](#).

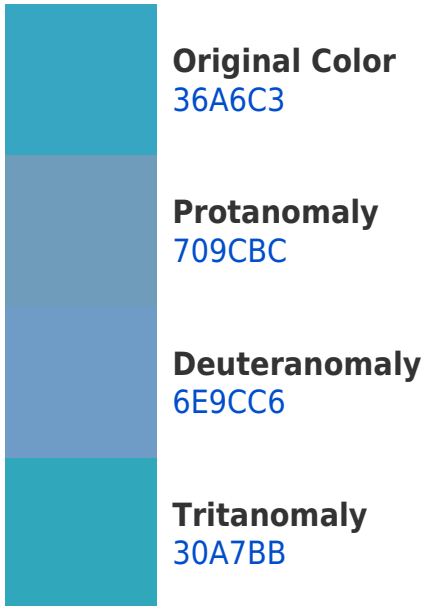
## Dichromacy



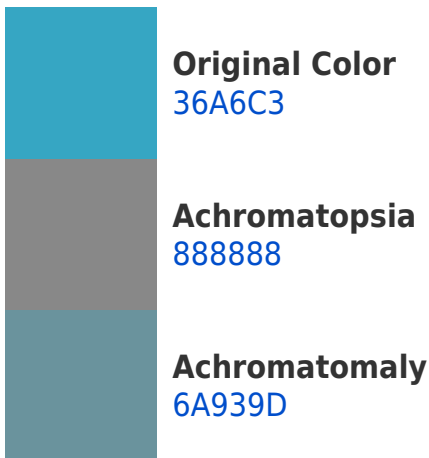


**Tritanopia**  
2CA8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36A6C3 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 #36A6C3 looks like.

```
.text, #text, p{  
    color:#36A6C3  
}
```

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 #36A6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A6C3
}
```

## Border

The CSS property to change the border of an element to Hex 36A6C3 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
#36A6C3 }
```

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

```
.border{ border-color:#36A6C3 }
```

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

Here you see how a box with a 4 pixel #36A6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A6C3; -webkit-box-shadow:4px 4px  
4px 4px #36A6C3; box-shadow:4px 4px 4px  
4px #36A6C3 }
```

# Background

The CSS property to change the background color of an element to Hex 36A6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A6C3 }
```

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

```
.background{ background-color:#36A6C3 }
```

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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