

# Converting Colors

Hex(3696AC)

Have a look what the booklet for  
Hex(3696AC) contains.

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**Color**

**Hex(3696AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3696AC
RGB	54, 150, 172
RGB Percent	21%, 59%, 67%
CMY	0.7882, 0.4118, 0.3255
CMYK	0.69, 0.13, 0.00, 0.33
HSL	191°, 52%, 44%
HSV	191°, 69%, 67%
XYZ	19.8741, 25.5755, 42.9188
YIQ	123.8040, -64.2780, -13.5100

# Conversions

## Conversions Part 2

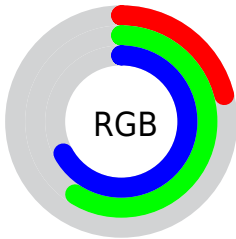
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 107, 172
Decimal	3577516
CIELab	57.63, -20.61, -19.69
CIELCh	58, 28.504, 223.694
Yxy	25.5755, 0.2249, 0.2894
Android (android.graphics.Color)	4281767596 (0xFF3696AC)
YUV	123.8040, 23.7606, -61.2181
Hunter-Lab	50.5722, -18.3539, -14.9167

# Details

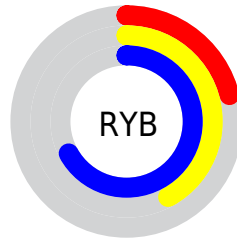
The Hex color **3696AC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC4C36**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **73CCE3**, and **006378** is the 20% darker color. If you saturate the color by 10%, you get **2593AC**, and if you desaturate by 10%, it is **4799AC**.

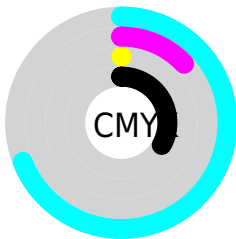
# Distribution



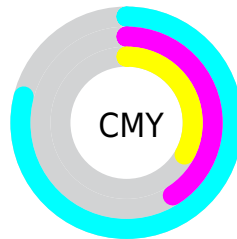
- Red (21%)
- Green (59%)
- Blue (67%)



- Red (21%)
- Yellow (42%)
- Blue (67%)



- Cyan (69%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (79%)
- Magenta (41%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3696AC 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 3696AC by changing the saturation by 10% instead.



 3696AC

 3696AC

FFFFFF

 057C91

 73CCE3

 006378

 90E9FF

 004B5F

 ADFFFF

 003447

 CBFFFF

 002031

 E8FFFF

 00011C

 000000

 3696AC

 3696AC

 2593AC

 4799AC

■ 1490AC

■ 589CAC

■ 028CAC

■ 6AA0AC

■ 008CAC

■ 7BA3AC

■ 8CA6AC

■ 9DA9AC

■ AEACAC

■ C0B0AC

■ D1B3AC

# Harmonies

## Analogous

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



3B9895



3696AC



5391BA

# Triad

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



3696AC



B37999



908D5A

# Complementary

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



3696AC



AC4C36

# 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.



A7845B



3696AC



BC7880

# Square

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



3696AC



9C80AF



B77C69



749366

# Rectangle

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



3696AC



6D8CBC



B77C69



988A58



# Sweetspot

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



3696AC



B1D8E0



36AC4C



546B70



F0F0F0



707070



# Same Dimension

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



3696AC



28BEE0



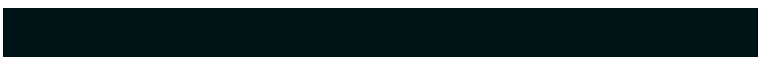
365BAC



4E5557



007A96



001317



# Inverse Universe

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



AC3696



E028BE



AC8736



574E55



96007A



170013



# Previews

## White Background



This preview shows how the Hex color 3696AC looks on a white background.

## Color Contrast Check

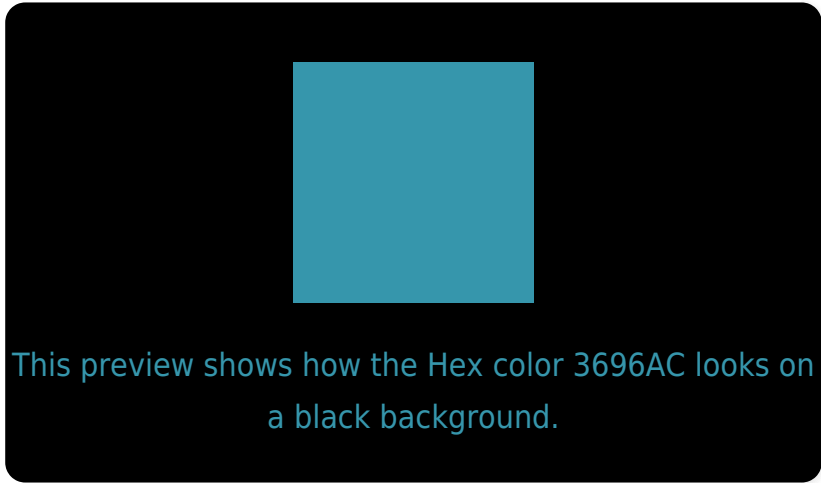
Large Text (above 18pt) WCAG AA ✓ Pass

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

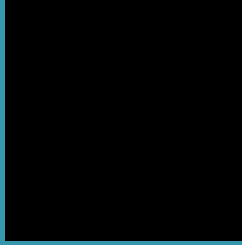
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3696AC Background



This preview shows how black text looks on a background with the Hex color 3696AC.

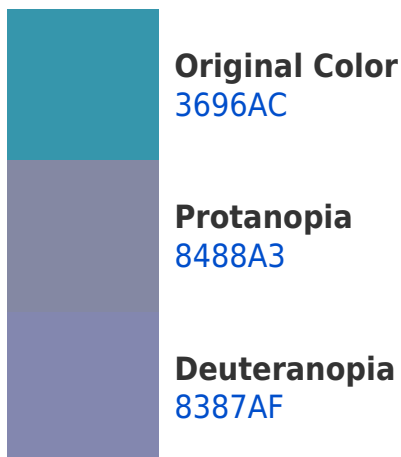


This preview shows how white text looks on a background with the Hex color 3696AC.

# 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](#).

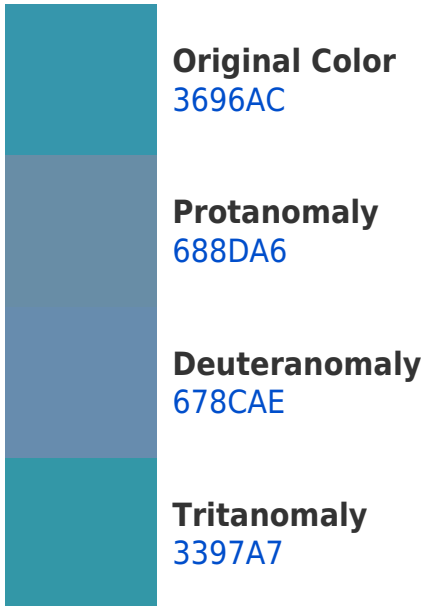
## Dichromacy



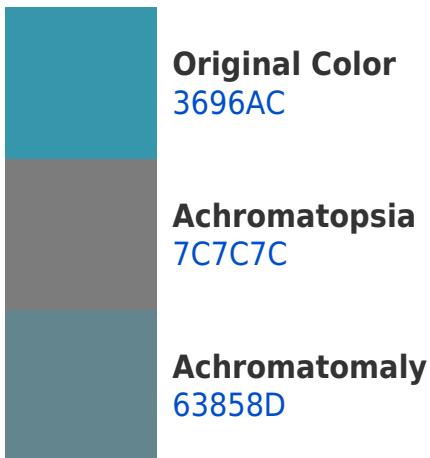


**Tritanopia**  
3197A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3696AC 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 #3696AC looks like.

```
.text, #text, p{  
    color:#3696AC  
}
```

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 #3696AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3696AC
}
```

## Border

The CSS property to change the border of an element to Hex 3696AC 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
#3696AC }
```

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

```
.border{ border-color:#3696AC }
```

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

Here you see how a box with a 4 pixel #3696AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3696AC; -webkit-box-shadow:4px 4px  
4px 4px #3696AC; box-shadow:4px 4px 4px  
4px #3696AC }
```

# Background

The CSS property to change the background color of an element to Hex 3696AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3696AC }
```

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

```
.background{ background-color:#3696AC }
```

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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