

Converting Colors

Hex(3696D2)

Have a look what the booklet for
Hex(3696D2) contains.

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Color

Hex(3696D2)

Conversions

Conversions Part 1

Format	Color
Hex	3696D2
RGB	54, 150, 210
RGB Percent	21%, 59%, 82%
CMY	0.7882, 0.4118, 0.1765
CMYK	0.74, 0.29, 0.00, 0.18
HSL	203°, 63%, 52%
HSV	203°, 74%, 82%
XYZ	24.0605, 27.2501, 64.9644
YIQ	128.1360, -76.4760, -1.6920

Conversions

Conversions Part 2

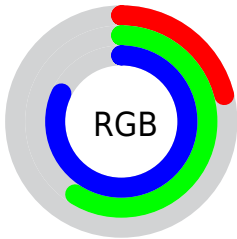
Format	Color
R_{YB}	54, 113, 210
Decimal	3577554
CIE _{Lab}	59.21, -7.87, -38.71
CIE _{LCh}	59, 39.498, 258.514
Yxy	27.2501, 0.2069, 0.2344
Android (android.graphics.Color)	4281767634 (0xFF3696D2)
YUV	128.1360, 40.3590, -65.0173
Hunter-Lab	52.2016, -9.0795, -37.2447

Details

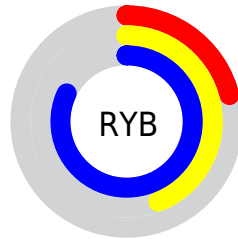
The Hex color **3696D2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D27236**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **79CCFF**, and **00639B** is the 20% darker color. If you saturate the color by 10%, you get **218ED2**, and if you desaturate by 10%, it is **4B9ED2**.

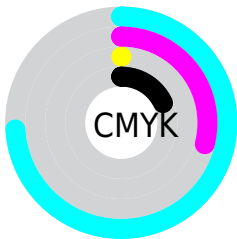
Distribution



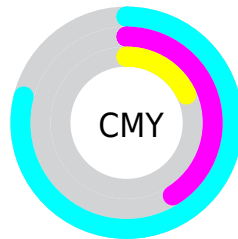
- Red (21%)
- Green (59%)
- Blue (82%)



- Red (21%)
- Yellow (44%)
- Blue (82%)



- Cyan (74%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (79%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3696D2 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 3696D2 by changing the saturation by 10% instead.

 3696D2

 3696D2

FFFFFF

 007CB6

 79CCFF

 00639B

 97E8FF

 004C81

 B5FFFF

 003567

 D3FFFF

 00214F

 F2FFFF

 000538

 000221

 000007

 000000

■ 3696D2

■ 3696D2

■ 218ED2

■ 4B9ED2

■ 0C86D2

■ 60A6D2

■ 0081D2

■ 75AED2

■ 8AB6D2

■ 9FBED2

■ B4C6D2

■ C9CFD2

■ DED7D2

■ F3DFD2

Harmonies

Analogous

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



009DC2



3696D2



7D8BD0

Triad

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



3696D2



D1737A



679B5F

Complementary

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



3696D2



D27236

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.



8F934B



3696D2



C77C5C

Square

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



3696D2



C9749D



B0884A



32A080

Rectangle

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



3696D2



9F82C5



B0884A



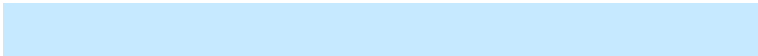
759957

Sweetspot

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



3696D2



C7E9FF



36D272



5E7380



000000



808080

Same Dimension

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



3696D2



1CA8FF



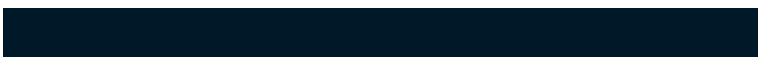
3648D2



5E6569



0068A8



001929

Inverse Universe

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



D23696



FF1CA8



D2C036



695E65



A80068



290019

Previews

White Background



This preview shows how the Hex color 3696D2 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



This preview shows how the Hex color 3696D2 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

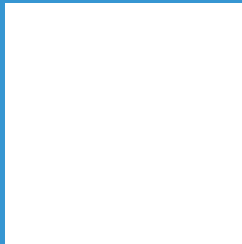
Any Text WCAG AAA × Fail

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

Hex 3696D2 Background



This preview shows how black text looks on a background with the Hex color 3696D2.

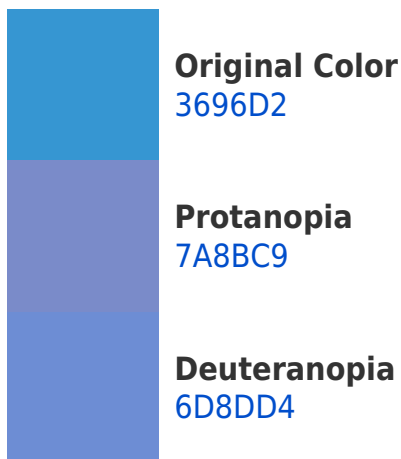


This preview shows how white text looks on a background with the Hex color 3696D2.

Color Blindness Simulation

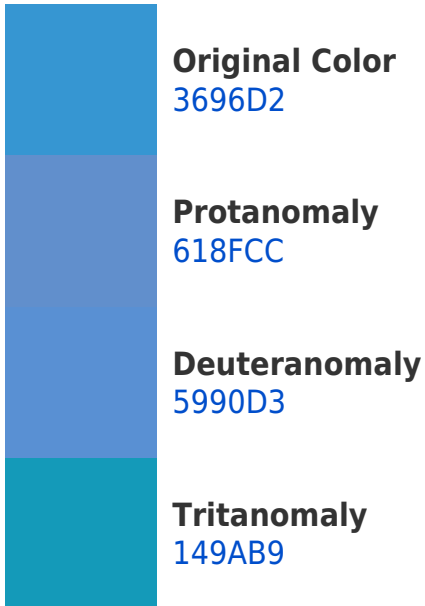
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3696D2 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 #3696D2 looks like.

```
.text, #text, p{  
    color:#3696D2  
}
```

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 #3696D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3696D2
}
```

Border

The CSS property to change the border of an element to Hex 3696D2 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
#3696D2 }
```

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

```
.border{ border-color:#3696D2 }
```

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

Here you see how a box with a 4 pixel #3696D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3696D2; -webkit-box-shadow:4px 4px  
4px 4px #3696D2; box-shadow:4px 4px 4px  
4px #3696D2 }
```

Background

The CSS property to change the background color of an element to Hex 3696D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3696D2 }
```

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

```
.background{ background-color:#3696D2 }
```

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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