

# Converting Colors

Hex(3CB3C6)

Have a look what the booklet for  
Hex(3CB3C6) contains.

<b>Hex(3CB3C6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3CB3C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CB3C6
RGB	60, 179, 198
RGB Percent	24%, 70%, 78%
CMY	0.7647, 0.2980, 0.2235
CMYK	0.70, 0.10, 0.00, 0.22
HSL	188°, 55%, 51%
HSV	188°, 70%, 78%
XYZ	28.1766, 37.2781, 59.1364
YIQ	145.5850, -77.0230, -19.3190

# Conversions

## Conversions Part 2

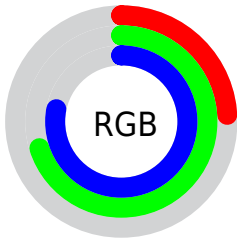
Format	Color
R <sub>YB</sub>	60, 124, 198
Decimal	3978182
CIE Lab	67.49, -26.46, -19.24
CIE LCh	67, 32.714, 216.021
Yxy	37.2781, 0.2262, 0.2992
Android (android.graphics.Color)	4282168262 (0xFF3CB3C6)
YUV	145.5850, 25.8406, -75.0580
Hunter-Lab	61.0558, -24.4717, -14.6871

# Details

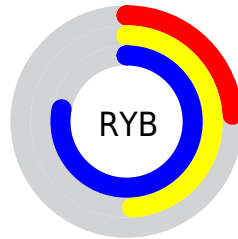
The Hex color **3CB3C6** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C64F3C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7DEBFF**, and **007E90** is the 20% darker color. If you saturate the color by 10%, you get **28B0C6**, and if you desaturate by 10%, it is **50B6C6**.

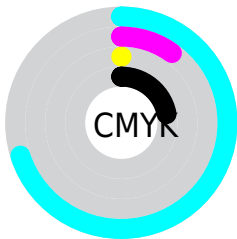
# Distribution



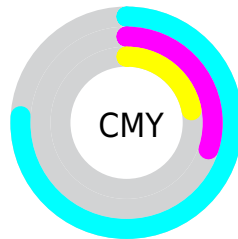
- Red (24%)
- Green (70%)
- Blue (78%)



- Red (24%)
- Yellow (49%)
- Blue (78%)



- Cyan (70%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (76%)
- Magenta (30%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CB3C6 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 3CB3C6 by changing the saturation by 10% instead.



 3CB3C6

 3CB3C6

FFFFFF

 0398AB

 7DEBFF

 007E90

 9BFFFF

 006576

 B9FFFF

 004C5E

 D7FFFF

 003546

 F5FFFF

 002130

 00011B

 000000

 3CB3C6

 3CB3C6

■ 28B0C6

■ 50B6C6

■ 14AEC6

■ 64B8C6

■ 01ABC6

■ 77BBC6

■ 00ABC6

■ 8BBEC6

■ 9FC1C6

■ B3C3C6

■ C7C6C6

■ DAC9C6

■ EECCC6

# Harmonies

## Analogous

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



4DB4A9



3CB3C6



57AED9

# Triad

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



3CB3C6



CF91BD



B3A469

# Complementary

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



3CB3C6



C64F3C

# 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.



CC9A6F



3CB3C6



DE8E9F

# Square

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



3CB3C6



B09BD4



DC9283



93AD74

# Rectangle

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



3CB3C6



76A8DF



DC9283



BCA169

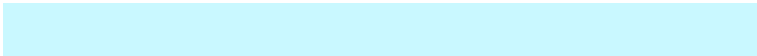


# Sweetspot

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



3CB3C6



C9F8FF



3CC64E



607B80



000000



808080

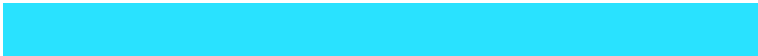


# Same Dimension

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



3CB3C6



29E2FF



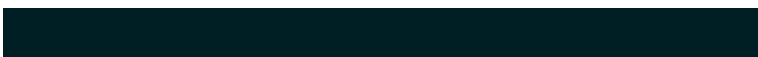
3C6FC6



5A6263



008DA3



001F24



# Inverse Universe

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



C63CB3



FF29E2



C6933C



635A62



A3008D



24001F



# Previews

## White Background



This preview shows how the Hex color 3CB3C6 looks on a white background.

## Color Contrast Check

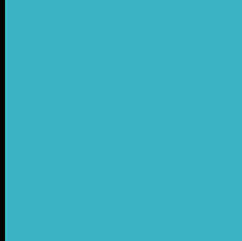
Large Text (above 18pt) WCAG AA × Fail

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 3CB3C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

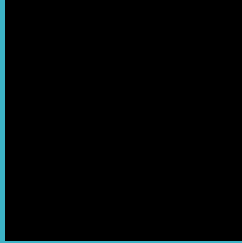
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CB3C6 Background



This preview shows how black text looks on a background with the Hex color 3CB3C6.

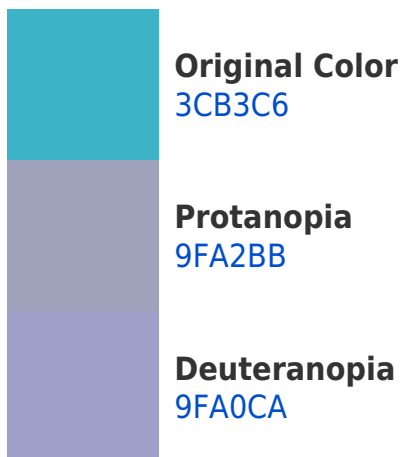


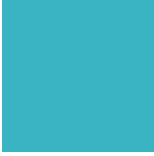
This preview shows how white text looks on a background with the Hex color 3CB3C6.

# 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



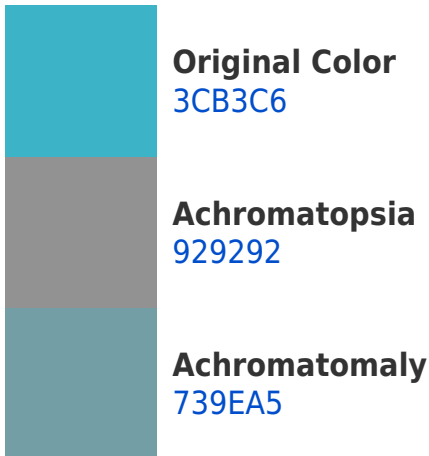


**Tritanopia**  
3AB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CB3C6 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 #3CB3C6 looks like.

```
.text, #text, p{  
    color:#3CB3C6  
}
```

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 #3CB3C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB3C6
}
```

## Border

The CSS property to change the border of an element to Hex 3CB3C6 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
#3CB3C6 }
```

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

```
.border{ border-color:#3CB3C6 }
```

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

Here you see how a box with a 4 pixel #3CB3C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB3C6; -webkit-box-shadow:4px 4px  
4px 4px #3CB3C6; box-shadow:4px 4px 4px  
4px #3CB3C6 }
```

# Background

The CSS property to change the background color of an element to Hex 3CB3C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB3C6 }
```

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

```
.background{ background-color:#3CB3C6 }
```

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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