

# Converting Colors

Hex(37B3C0)

Have a look what the booklet for  
Hex(37B3C0) contains.

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**Color**

**Hex(37B3C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37B3C0
RGB	55, 179, 192
RGB Percent	22%, 70%, 75%
CMY	0.7843, 0.2980, 0.2471
CMYK	0.71, 0.07, 0.00, 0.25
HSL	186°, 55%, 48%
HSV	186°, 71%, 75%
XYZ	27.2101, 36.8582, 55.5494
YIQ	143.4060, -78.0770, -22.2450

# Conversions

## Conversions Part 2

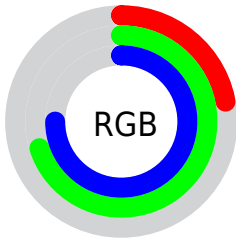
Format	Color
R <sub>YB</sub>	55, 120, 192
Decimal	3650496
CIE <sub>Lab</sub>	67.17, -28.96, -16.41
CIE <sub>LCh</sub>	67, 33.287, 209.542
Yxy	36.8582, 0.2275, 0.3081
Android (android.graphics.Color)	4281840576 (0xFF37B3C0)
YUV	143.4060, 23.9568, -77.5321
Hunter-Lab	60.7110, -26.2421, -11.7516

# Details

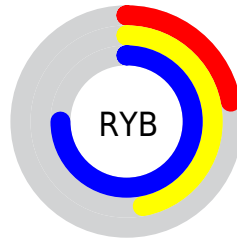
The Hex color **37B3C0** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C04437**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **79EBF8**, and **007E8B** is the 20% darker color. If you saturate the color by 10%, you get **24B1C0**, and if you desaturate by 10%, it is **4AB5C0**.

# Distribution



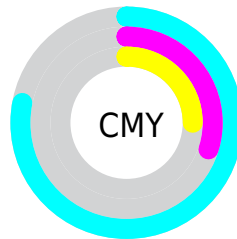
- Red (22%)
- Green (70%)
- Blue (75%)



- Red (22%)
- Yellow (47%)
- Blue (75%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (30%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37B3C0 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 37B3C0 by changing the saturation by 10% instead.



 37B3C0

 37B3C0


FFFFFF

 0098A5

 79EBF8

 007E8B

 97FFFF

 006471

 B5FFFF

 004C59

 D3FFFF

 003541

 F2FFFF

 00212B

 000117

 000000

 37B3C0

 37B3C0

■ 24B1C0

■ 4AB5C0

■ 11AFC0

■ 5DB7C0

■ 00AEC0

■ 71B8C0

■ 84BAC0

■ 97BCC0

■ AABEC0

■ BDC0C0

■ D1C2C0

■ E4C3C0

# Harmonies

## Analogous

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



51B4A2



37B3C0



4BAFD6

# Triad

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



37B3C0



C992C2



B8A167

# Complementary

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



37B3C0



C04437

# 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.



D19771



37B3C0



DC8DA5

# Square

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



37B3C0



A79CD8



DE8F87



99AB6E

# Rectangle

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



37B3C0



69AADE



DE8F87



C19E69



# Sweetspot

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



37B3C0



C5F5FA



37C042



5E7A7D



FCFCFC



7D7D7D



# Same Dimension

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



37B3C0



23E6FA



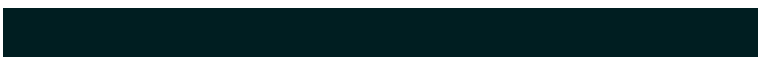
3770C0



576061



0091A1



001E21



# Inverse Universe

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



C037B3



FA23E6



C08737



615760



A10091



21001E



# Previews

## White Background



This preview shows how the Hex color 37B3C0 looks on a white background.

## Color Contrast Check

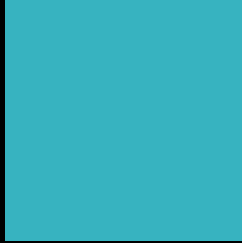
Large Text (above 18pt) WCAG AA × Fail

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 37B3C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

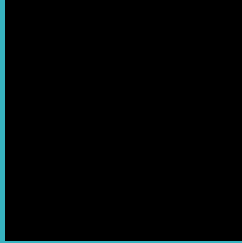
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37B3C0 Background



This preview shows how black text looks on a background with the Hex color 37B3C0.

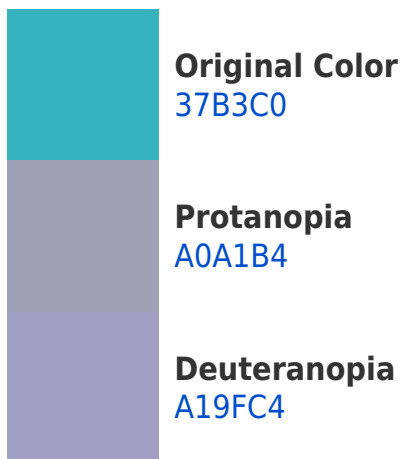


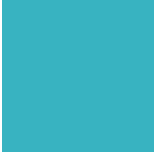
This preview shows how white text looks on a background with the Hex color 37B3C0.

# 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](#).

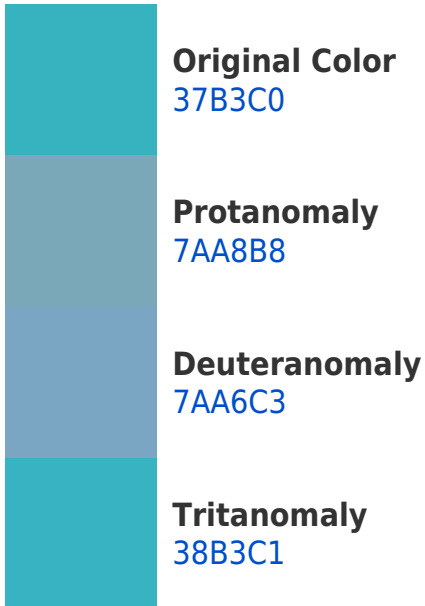
## Dichromacy



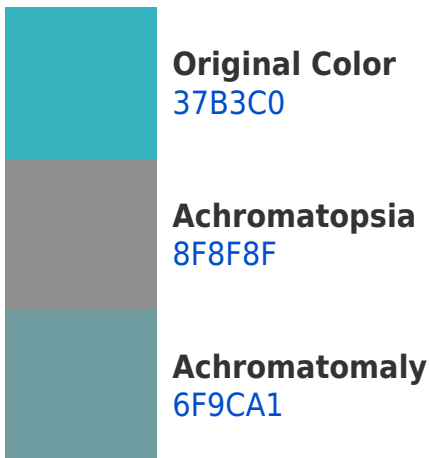


**Tritanopia**  
38B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37B3C0 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 #37B3C0 looks like.

```
.text, #text, p{  
    color:#37B3C0  
}
```

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 #37B3C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B3C0
}
```

## Border

The CSS property to change the border of an element to Hex 37B3C0 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
#37B3C0 }
```

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

```
.border{ border-color:#37B3C0 }
```

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

Here you see how a box with a 4 pixel #37B3C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B3C0; -webkit-box-shadow:4px 4px  
4px 4px #37B3C0; box-shadow:4px 4px 4px  
4px #37B3C0 }
```

# Background

The CSS property to change the background color of an element to Hex 37B3C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B3C0 }
```

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

```
.background{ background-color:#37B3C0 }
```

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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