

# Converting Colors

Hex(37B1CB)

Have a look what the booklet for  
Hex(37B1CB) contains.

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**Color**

**Hex(37B1CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37B1CB
RGB	55, 177, 203
RGB Percent	22%, 69%, 80%
CMY	0.7843, 0.3059, 0.2039
CMYK	0.73, 0.13, 0.00, 0.20
HSL	191°, 59%, 51%
HSV	191°, 73%, 80%
XYZ	28.0772, 36.5683, 62.0785
YIQ	143.4860, -81.0580, -17.7780

# Conversions

## Conversions Part 2

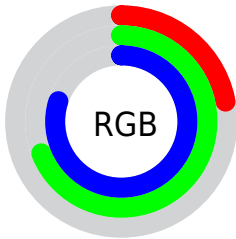
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 122, 203
Decimal	3649995
CIELab	66.95, -24.55, -22.82
CIELCh	67, 33.520, 222.905
Yxy	36.5683, 0.2216, 0.2886
Android (android.graphics.Color)	4281840075 (0xFF37B1CB)
YUV	143.4860, 29.3404, -77.6022
Hunter-Lab	60.4717, -22.9475, -18.5351

# Details

The Hex color **37B1CB** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle muted azure. A complement of this color would be **CB5137**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7AE9FF**, and **007C95** is the 20% darker color. If you saturate the color by 10%, you get **23ADCB**, and if you desaturate by 10%, it is **4BB5CB**.

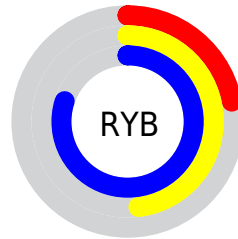
# Distribution



Red (22%)

Green (69%)

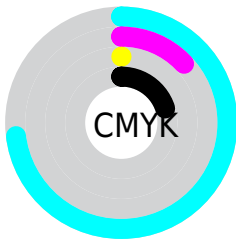
Blue (80%)



Red (22%)

Yellow (48%)

Blue (80%)

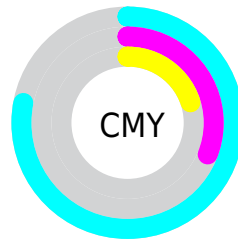


Cyan (73%)

Magenta (13%)

Yellow (0%)

Black (20%)



Cyan (78%)

Magenta (31%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37B1CB 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 37B1CB by changing the saturation by 10% instead.



 37B1CB

 37B1CB

FFFFFF

 0096B0

 7AE9FF

 007C95

 99FFFF

 00637B

 B7FFFF

 004B62

 D5FFFF

 00344A

 F3FFFF

 002033

 00021E

 000001

 000000

■ 37B1CB

■ 37B1CB

■ 23ADCB

■ 4BB5CB

■ 0EAACB

■ 60B8CB

■ 00A7CB

■ 74BCCB

■ 88BFCB

■ 9DC3CB

■ B1C6CB

■ C5CACB

■ D9CECB

■ EED1CB

# Harmonies

## Analogous

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



40B3AF



37B1CB



5DABDC

# Triad

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



37B1CB



D38EB5



AAA567

# Complementary

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



37B1CB



CB5137

# 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.



C69B6A



37B1CB



DE8C97

# Square

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



37B1CB



B796CF



D9917B



89AD76

# Rectangle

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



37B1CB



7EA5DF



D9917B



B4A266

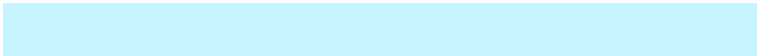


# Sweetspot

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



37B1CB



C7F5FF



37CB50



5E7A80



000000



808080

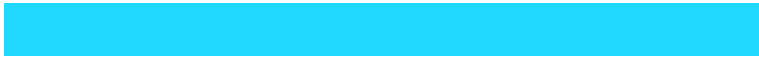


# Same Dimension

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



37B1CB



21D8FF



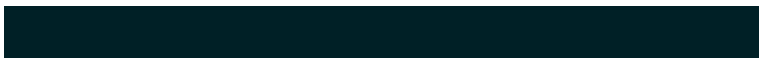
3768CB



5C6466



0089A6



002026



# Inverse Universe

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



CB37B1



FF21D8



CB9A37



665C64



A60089



260020



# Previews

## White Background



This preview shows how the Hex color 37B1CB looks on a white background.

## Color Contrast Check

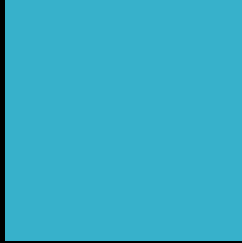
Large Text (above 18pt) WCAG AA × Fail

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 37B1CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

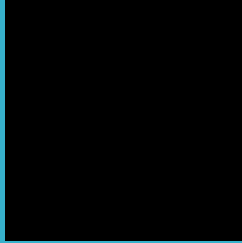
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37B1CB Background



This preview shows how black text looks on a background with the Hex color 37B1CB.



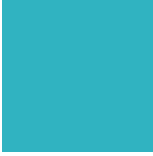
This preview shows how white text looks on a background with the Hex color 37B1CB.

# 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](#).

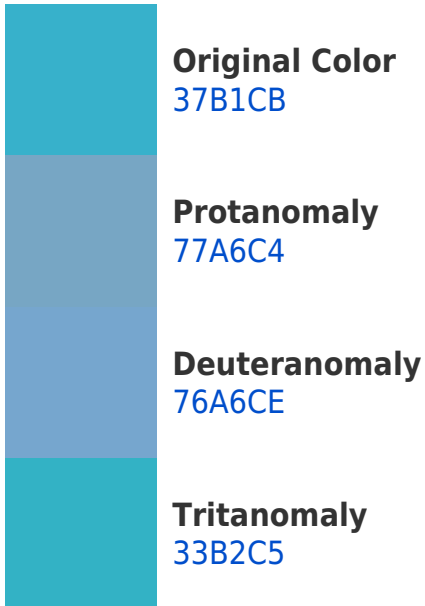
## Dichromacy



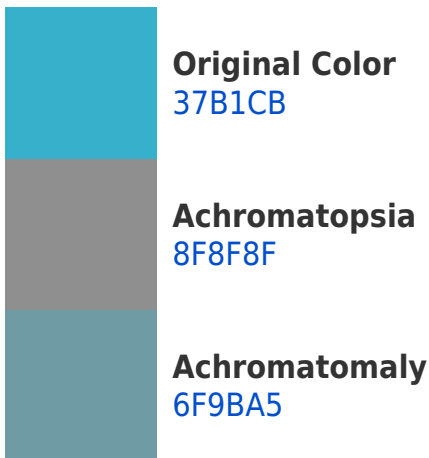


**Tritanopia**  
30B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37B1CB 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 #37B1CB looks like.

```
.text, #text, p{  
    color:#37B1CB  
}
```

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 #37B1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B1CB
}
```

## Border

The CSS property to change the border of an element to Hex 37B1CB 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
#37B1CB }
```

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

```
.border{ border-color:#37B1CB }
```

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

Here you see how a box with a 4 pixel #37B1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B1CB; -webkit-box-shadow:4px 4px  
4px 4px #37B1CB; box-shadow:4px 4px 4px  
4px #37B1CB }
```

# Background

The CSS property to change the background color of an element to Hex 37B1CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B1CB }
```

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

```
.background{ background-color:#37B1CB }
```

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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