

Converting Colors

Hex(37BCC3)

Have a look what the booklet for
Hex(37BCC3) contains.

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Color

Hex(37BCC3)

Conversions

Conversions Part 1

Format	Color
Hex	37BCC3
RGB	55, 188, 195
RGB Percent	22%, 74%, 76%
CMY	0.7843, 0.2627, 0.2353
CMYK	0.72, 0.04, 0.00, 0.24
HSL	183°, 56%, 49%
HSV	183°, 72%, 76%
XYZ	29.4091, 40.7188, 57.9393
YIQ	149.0310, -81.5150, -26.0190

Conversions

Conversions Part 2

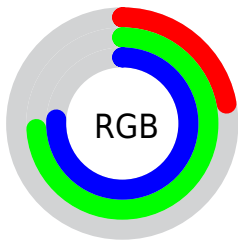
Format	Color
RYB	55, 123, 195
Decimal	3652803
CIELab	69.98, -32.41, -13.83
CIELCh	70, 35.242, 203.107
Yxy	40.7188, 0.2296, 0.3179
Android (android.graphics.Color)	4281842883 (0xFF37BCC3)
YUV	149.0310, 22.6627, -82.4652
Hunter-Lab	63.8113, -29.4034, -9.1661

Details

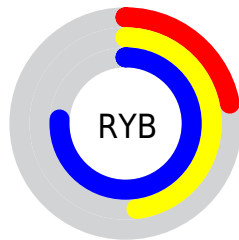
The Hex color **37BCC3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C33E37**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7AF5FC**, and **00868D** is the 20% darker color. If you saturate the color by 10%, you get **24BBC3**, and if you desaturate by 10%, it is **4ABDC3**.

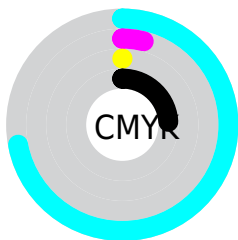
Distribution



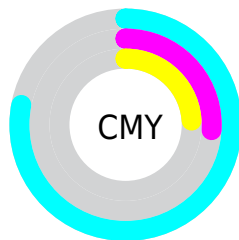
- Red (22%)
- Green (74%)
- Blue (76%)



- Red (22%)
- Yellow (48%)
- Blue (76%)



- Cyan (72%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (78%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37BCC3 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 37BCC3 by changing the saturation by 10% instead.

 37BCC3

 37BCC3

FFFFFF

 00A1A8

 7AF5FC

 00868D

 99FFFF

 006C74

 B7FFFF

 00545B

 D5FFFF

 003C44

 F4FFFF

 00262E

 00011A

 000000

 37BCC3

 37BCC3

■ 24BBC3

■ 4ABDC3

■ 10BAC3

■ 5EBEC3

■ 00B9C3

■ 71BFC3

■ 85C0C3

■ 99C1C3

■ ACC2C3

■ BFC3C3

■ D3C4C3

■ E7C5C3

Harmonies

Analogous

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



5ABCA2



37BCC3



41B8DD

Triad

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



37BCC3



CC9AD2



C7A76B

Complementary

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



37BCC3



C33E37

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.



DF9C79



37BCC3



E493B4

Square

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



37BCC3



A5A5E6



EA9494



A7B16F

Rectangle

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



37BCC3



61B3E8



EA9494



D0A36E

Sweetspot

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



37BCC3



C5FAFC



37C33E



5E7E80



000000



808080

Same Dimension

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



37BCC3



23F2FC



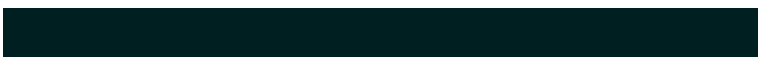
3776C3



576061



0099A1



001F21

Inverse Universe

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



C337BC



FC23F2



C38437



615760



A10099



21001F

Previews

White Background



This preview shows how the Hex color 37BCC3 looks on a white background.

Color Contrast Check

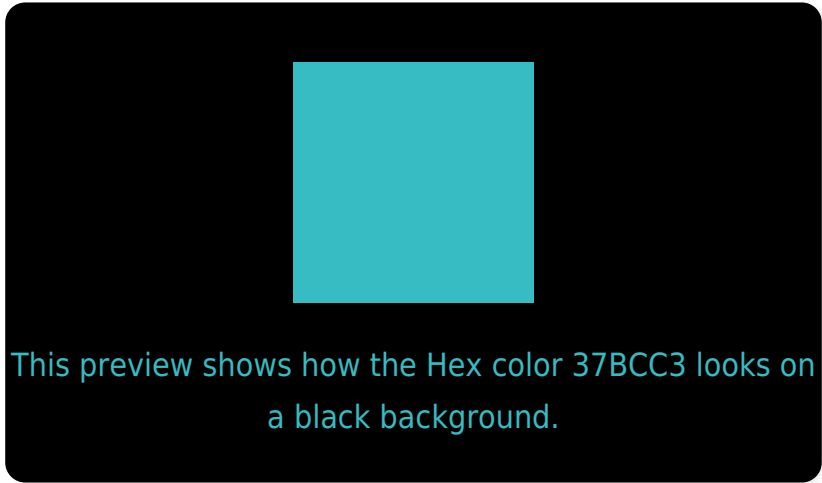
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

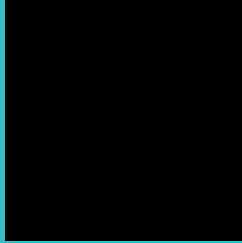
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

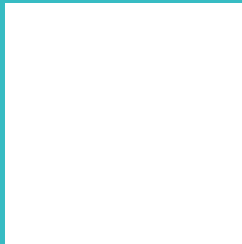
Any Text WCAG AAA ✓ Pass

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

Hex 37BCC3 Background



This preview shows how black text looks on a background with the Hex color 37BCC3.

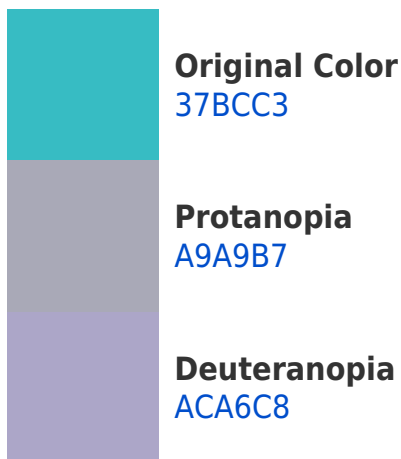


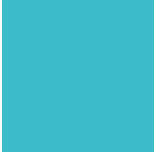
This preview shows how white text looks on a background with the Hex color 37BCC3.

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



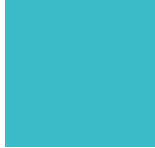
Original Color
37BCC3



Protanomaly
80B0BB



Deuteranomaly
81AEC6



Tritanomaly
3ABBC7

Monochromacy



Original Color
37BCC3



Achromatopsia
959595



Achromatomaly
73A3A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 37BCC3 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 #37BCC3 looks like.

```
.text, #text, p{  
    color:#37BCC3  
}
```

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 #37BCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37BCC3
}
```

Border

The CSS property to change the border of an element to Hex 37BCC3 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
#37BCC3 }
```

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

```
.border{ border-color:#37BCC3 }
```

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

Here you see how a box with a 4 pixel #37BCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37BCC3; -webkit-box-shadow:4px 4px  
4px 4px #37BCC3; box-shadow:4px 4px 4px  
4px #37BCC3 }
```

Background

The CSS property to change the background color of an element to Hex 37BCC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37BCC3 }
```

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

```
.background{ background-color:#37BCC3 }
```

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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