

Converting Colors

Hex(37CBCB)

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

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Color

Hex(37CBCB)

Conversions

Conversions Part 1

Format	Color
Hex	37CBCB
RGB	55, 203, 203
RGB Percent	22%, 80%, 80%
CMY	0.7843, 0.2039, 0.2039
CMYK	0.73, 0.00, 0.00, 0.20
HSL	180°, 59%, 51%
HSV	180°, 73%, 80%
XYZ	33.7110, 47.8359, 63.9564
YIQ	158.7480, -88.2080, -31.3760

Conversions

Conversions Part 2

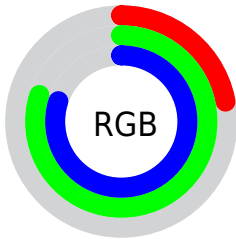
Format	Color
RYB	55, 129, 203
Decimal	3656651
CIELab	74.72, -37.11, -11.08
CIElCh	75, 38.731, 196.623
Yxy	47.8359, 0.2317, 0.3288
Android (android.graphics.Color)	4281846731 (0xFF37CBCB)
YUV	158.7480, 21.8162, -90.9870
Hunter-Lab	69.1635, -34.0334, -6.4118

Details

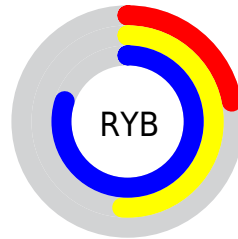
The Hex color **37CBCB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CB3737**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7DFFFF**, and **009495** is the 20% darker color. If you saturate the color by 10%, you get **23CBCB**, and if you desaturate by 10%, it is **4BCBCB**.

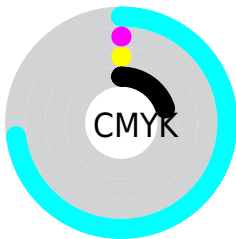
Distribution



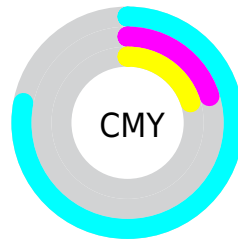
- Red (22%)
- Green (80%)
- Blue (80%)



- Red (22%)
- Yellow (51%)
- Blue (80%)



- Cyan (73%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (78%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 37CBCB

 37CBCB

FFFFFF

 00AFB0

 7DFFFF

 009495

 9CFFFF

 007A7B

 BBFFFF

 006062

 DAFFFF

 00484B

 F8FFFF

 003034

 001A1F

 000005

 000000

 37CBCB

 37CBCB

 23CBCB

 4BCBCB

 0ECBCB

 60CBCB

 00CBCB

 74CBCB

 88CBCB

 9DCBCB

 B1CBCB

 C5CBCB

 D9CBCB

 EECBCB

Harmonies

Analogous

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



67CAA6



37CBCB



31C8EB

Triad

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



37CBCB



D5A8E9



DEB073

Complementary

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



37CBCB



CB3737

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.



F5A486



37CBCB



F39EC9

Square

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



37CBCB



A5B4FC



FE9DA5



BCBC73

Rectangle

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



37CBCB



55C3F8



FE9DA5



E7AC77

Sweetspot

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



37CBCB



C7FFFF



37CB37



5E8080



000000



808080

Same Dimension

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



37CBCB



21FFFF



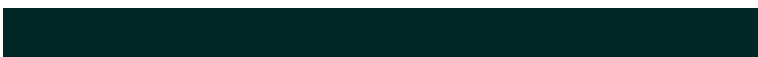
3781CB



5C6666



00A6A6



002626

Inverse Universe

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



CB37CB



FF21FF



CB8137



665C66



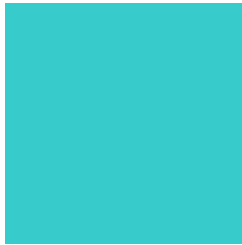
A600A6



260026

Previews

White Background



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

Color Contrast Check

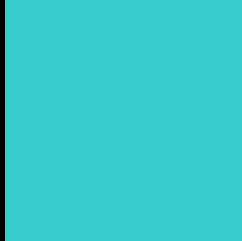
Large Text (above 18pt) WCAG AA × Fail

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 37CBCB 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

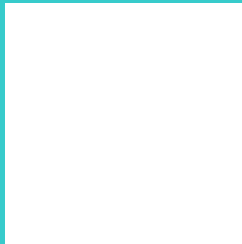
Any Text WCAG AAA ✓ Pass

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

Hex 37CBCB Background



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



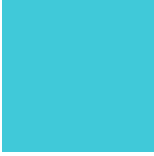
This preview shows how white text looks on a background with the Hex color 37CBCB.

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
40C9D9

Trichromacy



Original Color
37CBCB



Protanomaly
88BDC3



Deuteranomaly
8CBBCF

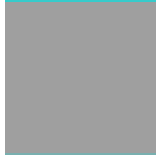


Tritanomaly
3DCAD4

Monochromacy



Original Color
37CBCB



Achromatopsia
9F9F9F



Achromatomaly
79AFAF

CSS Examples

Text

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

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

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 #37CBCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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