

Converting Colors

Hex(37BCD5)

Have a look what the booklet for
Hex(37BCD5) contains.

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Color

Hex(37BCD5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 37BCD5 |
| RGB | 55, 188, 213 |
| RGB Percent | 22%, 74%, 84% |
| CMY | 0.7843, 0.2627, 0.1647 |
| CMYK | 0.74, 0.12, 0.00, 0.16 |
| HSL | 189°, 65%, 53% |
| HSV | 189°, 74%, 84% |
| XYZ | 31.5690, 41.5828, 69.3132 |
| YIQ | 151.0830, -87.2930, -20.4210 |

Conversions

Conversions Part 2

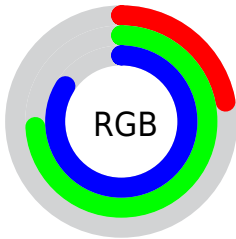
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 55, 127, 213 |
| Decimal | 3652821 |
| CIE Lab | 70.58, -26.93, -22.77 |
| CIE LCh | 71, 35.267, 220.210 |
| Yxy | 41.5828, 0.2216, 0.2919 |
| Android (android.graphics.Color) | 4281842901 (0xFF37BCD5) |
| YUV | 151.0830, 30.5251, -84.2648 |
| Hunter-Lab | 64.4847, -25.4621, -18.5902 |

Details

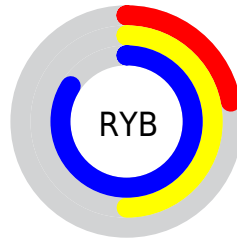
The Hex color **37BCD5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D55037**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7CF4FF**, and **00869E** is the 20% darker color. If you saturate the color by 10%, you get **22B9D5**, and if you desaturate by 10%, it is **4CBFD5**.

Distribution



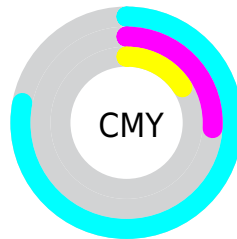
- Red (22%)
- Green (74%)
- Blue (84%)



- Red (22%)
- Yellow (50%)
- Blue (84%)



- Cyan (74%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (78%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37BCD5 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 37BCD5 by changing the saturation by 10% instead.

 37BCD5

 37BCD5

FFFFFF

 00A1B9

 7CF4FF

 00869E

 9BFFFF

 006D84

 BAFFFF

 00546B


 D9FFFF

 003D53

 F7FFFF

 00273B

 000726

 00010F

 000000

■ 37BCD5

■ 37BCD5

■ 22B9D5

■ 4CBFD5

■ 0CB5D5

■ 62C3D5

■ 00B3D5

■ 77C6D5

■ 8CC9D5

■ A2CDD5

■ B7D0D5

■ CCD4D5

■ E1D7D5

■ F7DAD5

Harmonies

Analogous

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



46BEB7



37BCD5



5DB6E8

Triad

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



37BCD5



DE97C3



B7AE6D

Complementary

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



37BCD5



D55037

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.



D5A371



37BCD5



EB94A3

Square

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



37BCD5



BFA0DE



E79985



94B77B

Rectangle

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



37BCD5



80B0EC



E79985



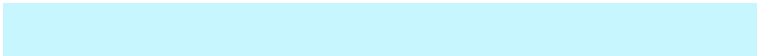
C2AB6C

Sweetspot

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



37BCD5



C7F6FF



37D54F



5E7A80



000000



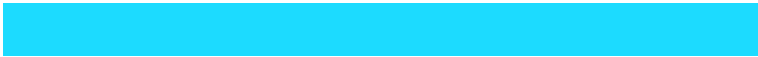
808080

Same Dimension

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



37BCD5



1CDBFF



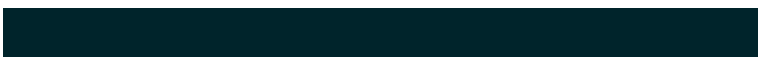
376ED5



60696B



0090AB



00242B

Inverse Universe

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



D537BC



FF1CDB



D59E37



6B6069



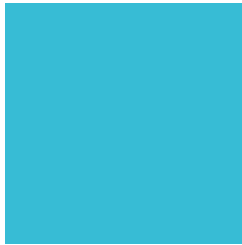
AB0090



2B0024

Previews

White Background



This preview shows how the Hex color 37BCD5 looks on a white background.

Color Contrast Check

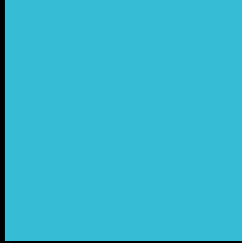
Large Text (above 18pt) WCAG AA × Fail

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 37BCD5 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 37BCD5 Background



This preview shows how black text looks on a background with the Hex color 37BCD5.

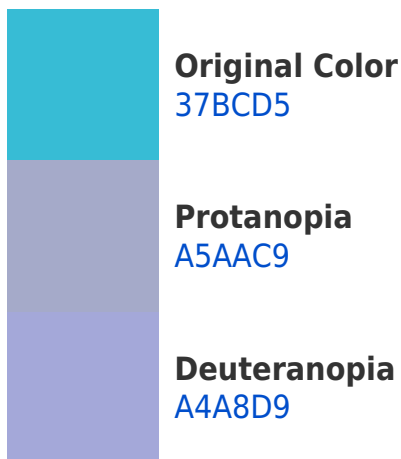


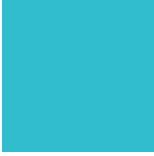
This preview shows how white text looks on a background with the Hex color 37BCD5.

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](#).

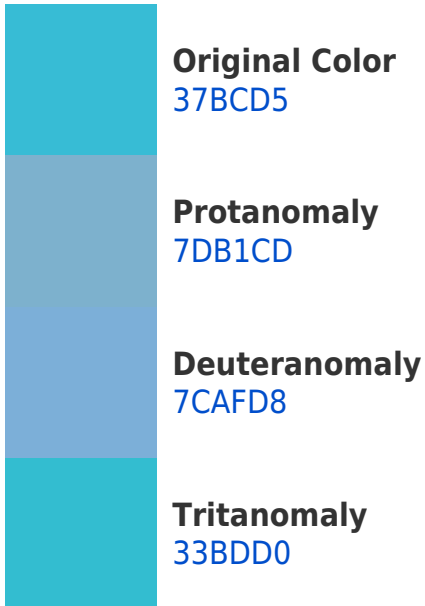
Dichromacy



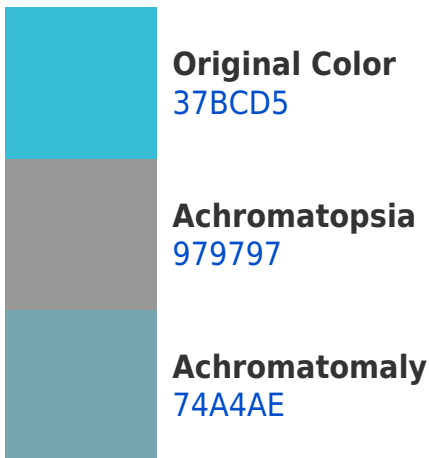


Tritanopia
31BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37BCD5 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 #37BCD5 looks like.

```
.text, #text, p{  
    color:#37BCD5  
}
```

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 #37BCD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37BCD5
}
```

Border

The CSS property to change the border of an element to Hex 37BCD5 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
#37BCD5 }
```

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

```
.border{ border-color:#37BCD5 }
```

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

Here you see how a box with a 4 pixel #37BCD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37BCD5; -webkit-box-shadow:4px 4px  
4px 4px #37BCD5; box-shadow:4px 4px 4px  
4px #37BCD5 }
```

Background

The CSS property to change the background color of an element to Hex 37BCD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37BCD5 }
```

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

```
.background{ background-color:#37BCD5 }
```

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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