

Converting Colors

Hex(33B5D7)

Have a look what the booklet for
Hex(33B5D7) contains.

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Color

Hex(33B5D7)

Conversions

Conversions Part 1

Format	Color
Hex	33B5D7
RGB	51, 181, 215
RGB Percent	20%, 71%, 84%
CMY	0.8000, 0.2902, 0.1569
CMYK	0.76, 0.16, 0.00, 0.16
HSL	192°, 67%, 52%
HSV	192°, 76%, 84%
XYZ	30.1549, 38.6579, 70.1624
YIQ	146.0060, -88.3940, -16.9860

Conversions

Conversions Part 2

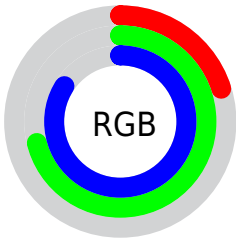
Format	Color
RYB	51, 124, 215
Decimal	3388887
CIELab	68.50, -23.22, -27.05
CIELCh	69, 35.651, 229.362
Yxy	38.6579, 0.2170, 0.2782
Android (android.graphics.Color)	4281578967 (0xFF33B5D7)
YUV	146.0060, 34.0140, -83.3203
Hunter-Lab	62.1754, -22.2352, -23.3835

Details

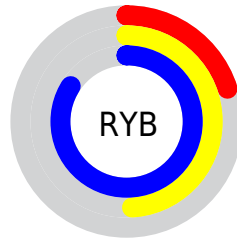
The Hex color **33B5D7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D75533**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7AEDFF**, and **0080A0** is the 20% darker color. If you saturate the color by 10%, you get **1EB1D7**, and if you desaturate by 10%, it is **49B9D7**.

Distribution



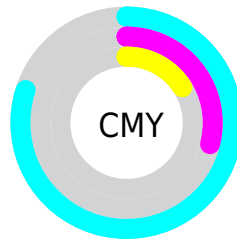
- Red (20%)
- Green (71%)
- Blue (84%)



- Red (20%)
- Yellow (49%)
- Blue (84%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B5D7 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 33B5D7 by changing the saturation by 10% instead.

33B5D7

33B5D7

FFFFFF

009ABB

7AEDFF

0080A0

99FFFF

006786

B7FFFF

004E6C

D6FFFF

003754

F5FFFF

00223D

000327

000110

000000

■ 33B5D7

■ 33B5D7

■ 1EB1D7

■ 49B9D7

■ 08ACD7

■ 5EBED7

■ 00AAD7

■ 74C2D7

■ 89C7D7

■ 9FCBD7

■ B4D0D7

■ CAD4D7

■ DFD9D7

■ F5DDD7

Harmonies

Analogous

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



31B8BB



33B5D7



66AEE6

Triad

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



33B5D7



DF8FB4



A7AC69

Complementary

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



33B5D7



D75533

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.



C7A168



33B5D7



E68F93

Square

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



33B5D7



C497D1



DD9677



83B37C

Rectangle

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



33B5D7



8AA7E6



DD9677



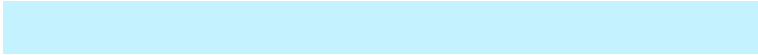
B3A867

Sweetspot

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



33B5D7



C4F3FF



33D754



5C7880



000000



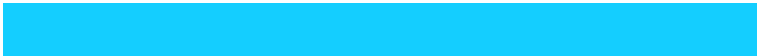
808080

Same Dimension

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



33B5D7



14CEFF



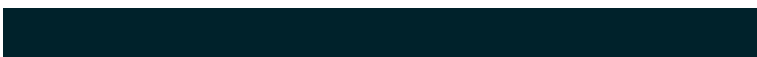
3364D7



60696B



0087AB



00222B

Inverse Universe

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



D733B5



FF14CE



D7A633



6B6069



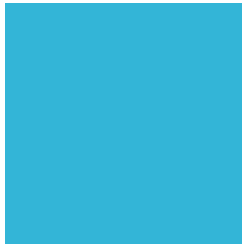
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 33B5D7 looks on a white background.

Color Contrast Check

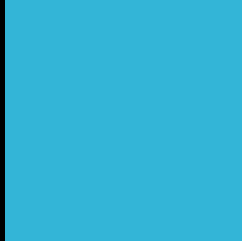
Large Text (above 18pt) WCAG AA × Fail

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 33B5D7 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 33B5D7 Background



This preview shows how black text looks on a background with the Hex color 33B5D7.

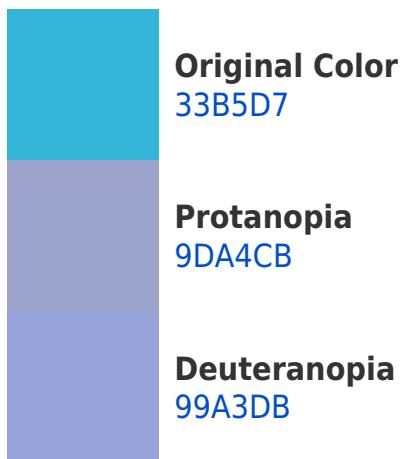


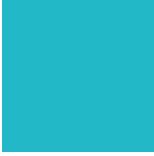
This preview shows how white text looks on a background with the Hex color 33B5D7.

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](#).

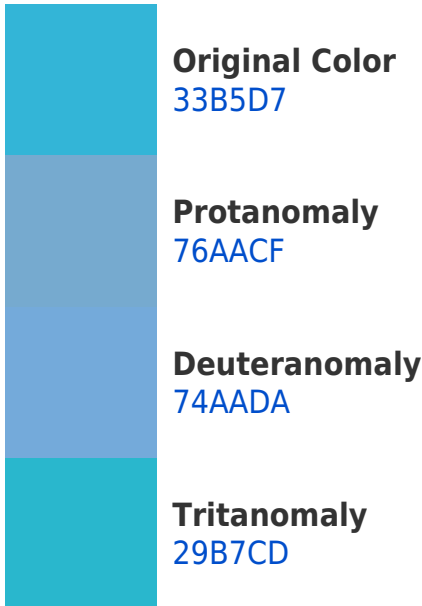
Dichromacy



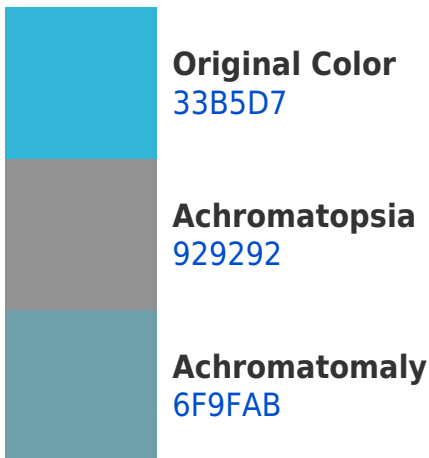


Tritanopia
23B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33B5D7 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 #33B5D7 looks like.

```
.text, #text, p{  
    color:#33B5D7  
}
```

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 #33B5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B5D7  
}
```

Border

The CSS property to change the border of an element to Hex 33B5D7 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  
#33B5D7 }
```

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

```
.border{ border-color:#33B5D7 }
```

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

Here you see how a box with a 4 pixel #33B5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B5D7; -webkit-box-shadow:4px 4px  
4px 4px #33B5D7; box-shadow:4px 4px 4px  
4px #33B5D7 }
```

Background

The CSS property to change the background color of an element to Hex 33B5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B5D7 }
```

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

```
.background{ background-color:#33B5D7 }
```

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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