

# Converting Colors

Hex(35B7DD)

Have a look what the booklet for  
Hex(35B7DD) contains.

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# **Color**

**Hex(35B7DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35B7DD
RGB	53, 183, 221
RGB Percent	21%, 72%, 87%
CMY	0.7922, 0.2824, 0.1333
CMYK	0.76, 0.17, 0.00, 0.13
HSL	194°, 71%, 54%
HSV	194°, 76%, 87%
XYZ	31.4528, 39.8443, 74.4396
YIQ	148.4620, -89.6780, -15.7420

# Conversions

## Conversions Part 2

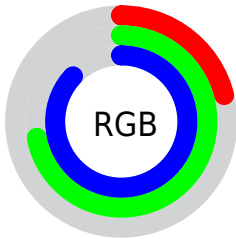
Format	Color
<a href="#">RYB</a>	53, 126, 221
Decimal	3520477
CIELab	69.36, -22.08, -29.02
CIELCh	69, 36.466, 232.729
Yxy	39.8443, 0.2158, 0.2734
Android (android.graphics.Color)	4281710557 (0xFF35B7DD)
YUV	148.4620, 35.7612, -83.7202
Hunter-Lab	63.1224, -21.5205, -25.7345

# Details

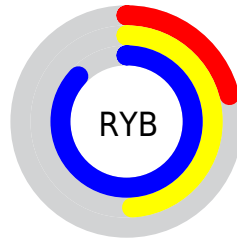
The Hex color **35B7DD** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DD5B35**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7CEFFF**, and **0082A6** is the 20% darker color. If you saturate the color by 10%, you get **1FB2DD**, and if you desaturate by 10%, it is **4BBCDD**.

# Distribution



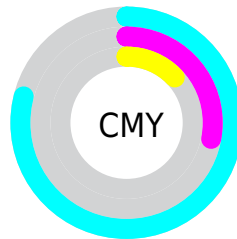
- Red (21%)
- Green (72%)
- Blue (87%)



- Red (21%)
- Yellow (49%)
- Blue (87%)



- Cyan (76%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (28%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35B7DD 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 35B7DD by changing the saturation by 10% instead.



 35B7DD

 35B7DD

FFFFFF

 009CC1

 7CEFFF

 0082A6

 9BFFFF

 00698B

 BAFFFF

 005072

 D9FFFF

 003959

 F7FFFF

 002441

 00032B

 000116

 000000

■ 35B7DD

■ 35B7DD

■ 1FB2DD

■ 4BBCDD

■ 09ADDD

■ 61C1DD

■ 00ABDD

■ 77C6DD

■ 8DCBDD

■ A4D0DD

■ BAD5DD

■ D0DADD

■ E6DFDD

■ FCE4DD

# Harmonies

## Analogous

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



2ABBC2



35B7DD



6CAFEA

# Triad

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



35B7DD



E490B3



A6AF6B

# Complementary

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



35B7DD



DD5B35

# 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.



C7A568



35B7DD



EA9191

# Square

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



35B7DD



CB98D2



DF9976



7FB780

# Rectangle

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



35B7DD



91A8EA



DF9976



B1AC68

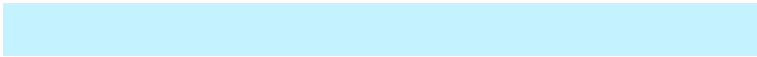


# Sweetspot

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



35B7DD



C4F2FF



35DD59



5C7780



000000



808080

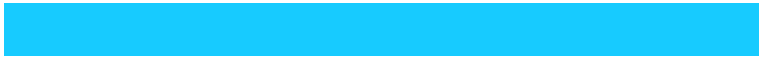


# Same Dimension

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



35B7DD



17CBFF



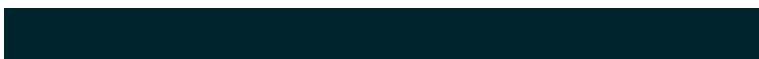
3565DD



636B6E



0086AD



00242E



# Inverse Universe

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



DD35B7



FF17CB



DDAD35



6E636B



AD0086



2E0024



# Previews

## White Background



This preview shows how the Hex color 35B7DD looks on a white background.

## Color Contrast Check

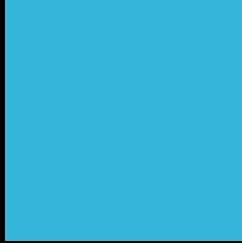
Large Text (above 18pt) WCAG AA × Fail

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 35B7DD 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 35B7DD Background



This preview shows how black text looks on a background with the Hex color 35B7DD.

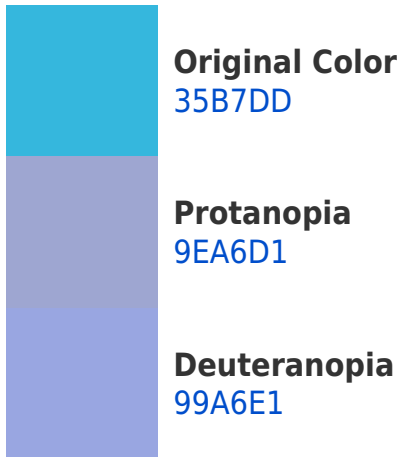


This preview shows how white text looks on a background with the Hex color 35B7DD.

# Color Blindness Simulation

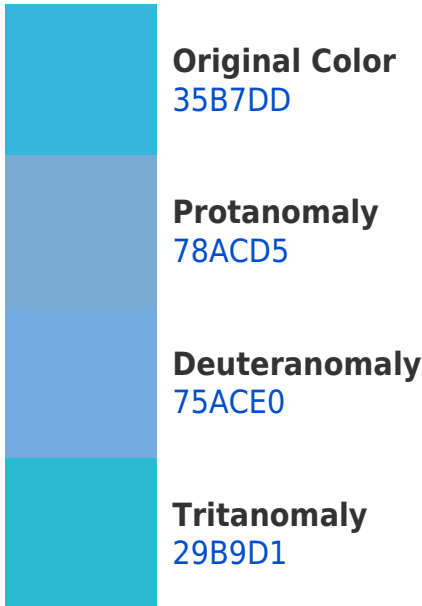
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

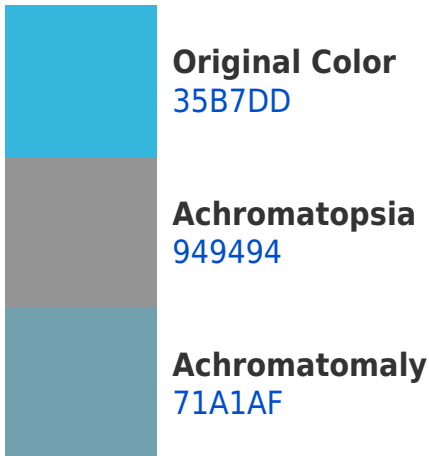




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35B7DD 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 #35B7DD looks like.

```
.text, #text, p{  
    color:#35B7DD  
}
```

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 #35B7DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B7DD  
}
```

## Border

The CSS property to change the border of an element to Hex 35B7DD 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  
#35B7DD }
```

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

```
.border{ border-color:#35B7DD }
```

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

Here you see how a box with a 4 pixel #35B7DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B7DD; -webkit-box-shadow:4px 4px  
4px 4px #35B7DD; box-shadow:4px 4px 4px  
4px #35B7DD }
```

# Background

The CSS property to change the background color of an element to Hex 35B7DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B7DD }
```

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

```
.background{ background-color:#35B7DD }
```

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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