

Converting Colors

Hex(35A7DB)

Have a look what the booklet for
Hex(35A7DB) contains.

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Color

Hex(35A7DB)

Conversions

Conversions Part 1

Format	Color
Hex	35A7DB
RGB	53, 167, 219
RGB Percent	21%, 65%, 86%
CMY	0.7922, 0.3451, 0.1412
CMYK	0.76, 0.24, 0.00, 0.14
HSL	199°, 70%, 53%
HSV	199°, 76%, 86%
XYZ	28.0731, 33.5088, 72.0061
YIQ	138.8420, -84.6360, -7.9960

Conversions

Conversions Part 2

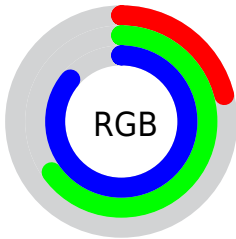
Format	Color
R _Y B	53, 121, 219
Decimal	3516379
CIE Lab	64.57, -14.31, -35.33
CIE LCh	65, 38.119, 247.957
Yxy	33.5088, 0.2101, 0.2508
Android (android.graphics.Color)	4281706459 (0xFF35A7DB)
YUV	138.8420, 39.5179, -75.2834
Hunter-Lab	57.8868, -14.7355, -33.2308

Details

The Hex color **35A7DB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **DB6935**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7ADEFF**, and **0073A4** is the 20% darker color. If you saturate the color by 10%, you get **1FA0DB**, and if you desaturate by 10%, it is **4BAEDB**.

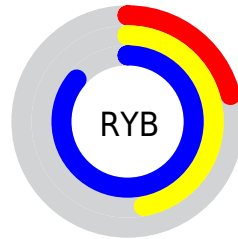
Distribution



Red (21%)

Green (65%)

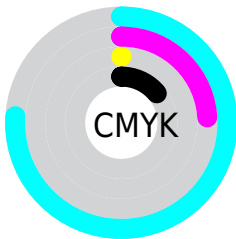
Blue (86%)



Red (21%)

Yellow (47%)

Blue (86%)

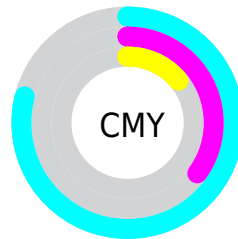


Cyan (76%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (79%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A7DB 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 35A7DB by changing the saturation by 10% instead.

 35A7DB

 35A7DB

FFFFFF

 008DBF

 7ADEFF

 0073A4

 99FBFF

 005B89

 B8FFFF

 004370

 D6FFFF

 002D57

 F5FFFF

 001A3F

 000329

 000113

 000000

■ 35A7DB

■ 35A7DB

■ 1FA0DB

■ 4BAEDB

■ 0999DB

■ 61B5DB

■ 0096DB

■ 77BCDB

■ 8DC2DB

■ A3C9DB

■ B8D0DB

■ CED7DB

■ E4DEDB

■ FAE5DB

Harmonies

Analogous

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



00ADC5



35A7DB



799DE0

Triad

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



35A7DB



DE8295



85A766

Complementary

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



35A7DB



DB6935

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.



AA9E58



35A7DB



DA8774

Square

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



35A7DB



CF85B7



C8925E



5AAD82

Rectangle

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



35A7DB



9D95D9



C8925E



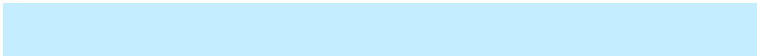
92A45F

Sweetspot

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



35A7DB



C4EDFF



35DB67



5C7480



000000



808080

Same Dimension

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



35A7DB



17B6FF



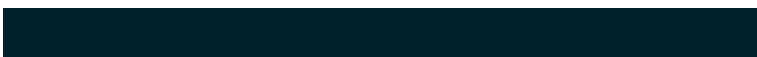
3556DB



636A6E



0077AD



00202E

Inverse Universe

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



DB35A7



FF17B6



DBBA35



6E636A



AD0077



2E0020

Previews

White Background



This preview shows how the Hex color 35A7DB looks on a white background.

Color Contrast Check

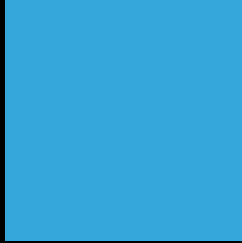
Large Text (above 18pt) WCAG AA × Fail

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 35A7DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

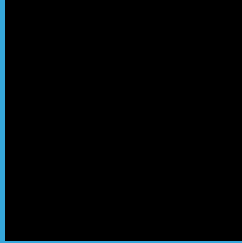
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

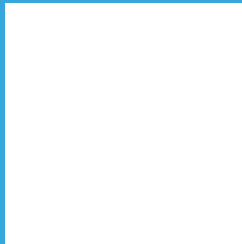
Any Text WCAG AAA ✓ Pass

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

Hex 35A7DB Background



This preview shows how black text looks on a background with the Hex color 35A7DB.

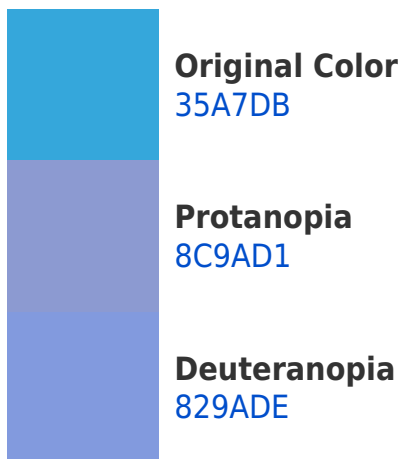


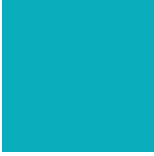
This preview shows how white text looks on a background with the Hex color 35A7DB.

Color Blindness Simulation

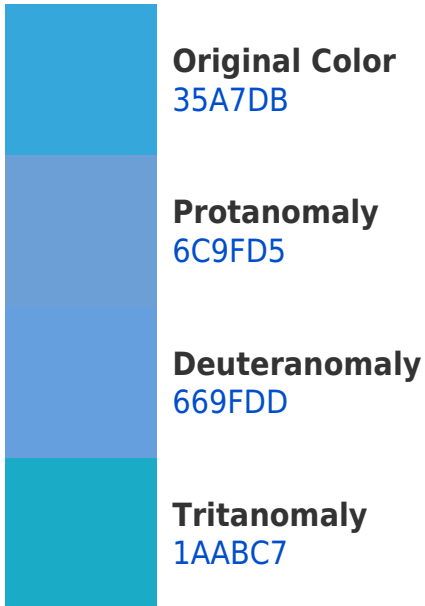
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

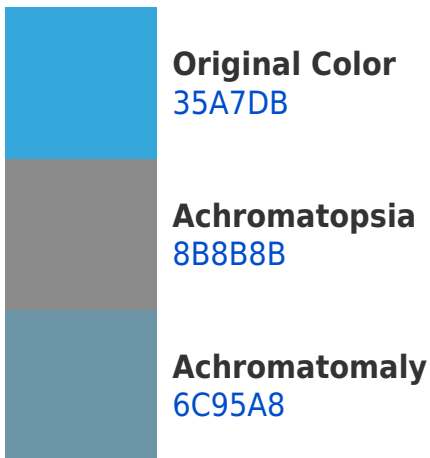




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35A7DB 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 #35A7DB looks like.

```
.text, #text, p{  
    color:#35A7DB  
}
```

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 #35A7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A7DB
}
```

Border

The CSS property to change the border of an element to Hex 35A7DB 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
#35A7DB }
```

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

```
.border{ border-color:#35A7DB }
```

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

Here you see how a box with a 4 pixel #35A7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A7DB; -webkit-box-shadow:4px 4px  
4px 4px #35A7DB; box-shadow:4px 4px 4px  
4px #35A7DB }
```

Background

The CSS property to change the background color of an element to Hex 35A7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A7DB }
```

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

```
.background{ background-color:#35A7DB }
```

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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