

Converting Colors

Hex(35A5DF)

Have a look what the booklet for
Hex(35A5DF) contains.

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Color

Hex(35A5DF)

Conversions

Conversions Part 1

Format	Color
Hex	35A5DF
RGB	53, 165, 223
RGB Percent	21%, 65%, 87%
CMY	0.7922, 0.3529, 0.1255
CMYK	0.76, 0.26, 0.00, 0.13
HSL	200°, 73%, 54%
HSV	200°, 76%, 87%
XYZ	28.2426, 32.9949, 74.6921
YIQ	138.1240, -85.3700, -5.7060

Conversions

Conversions Part 2

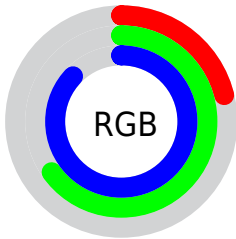
Format	Color
RYB	53, 121, 223
Decimal	3515871
CIELab	64.16, -11.85, -38.19
CIELCh	64, 39.984, 252.757
Yxy	32.9949, 0.2078, 0.2427
Android (android.graphics.Color)	4281705951 (0xFF35A5DF)
YUV	138.1240, 41.8439, -74.6537
Hunter-Lab	57.4412, -12.7573, -36.8874

Details

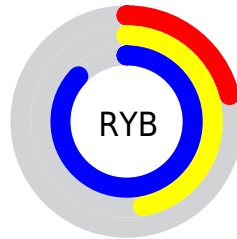
The Hex color **35A5DF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **DF6F35**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7BDCFF**, and **0071A8** is the 20% darker color. If you saturate the color by 10%, you get **1F9DDF**, and if you desaturate by 10%, it is **4BADDF**.

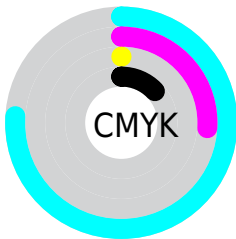
Distribution



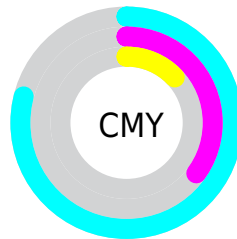
- Red (21%)
- Green (65%)
- Blue (87%)



- Red (21%)
- Yellow (47%)
- Blue (87%)



- Cyan (76%)
- Magenta (26%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A5DF 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 35A5DF by changing the saturation by 10% instead.

■ 35A5DF

■ 35A5DF

FFFFFF

■ 008BC3

■ 7BDCFF

■ 0071A8

■ 9AF8FF

■ 00598D

■ B9FFFF

■ 004273

■ D7FFFF

■ 002C5A

■ F6FFFF

■ 001842

■ 00032C

■ 000116

■ 000000

■ 35A5DF

■ 35A5DF

■ 1F9DDF

■ 4BADDF

■ 0896DF

■ 62B4DF

■ 0093DF

■ 78BCDF

■ 8EC3DF

■ A5CBDF

■ BBD3DF

■ D1DADF

■ E7E2DF

■ FEE9DF

Harmonies

Analogous

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



00ACCB



35A5DF



7F9AE1

Triad

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



35A5DF



E07F8D



7CA766

Complementary

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



35A5DF



DF6F35

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.



A39E54



35A5DF



DA866D

Square

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



35A5DF



D482B2



C49257



4BAD85

Rectangle

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



35A5DF



A391D8



C49257



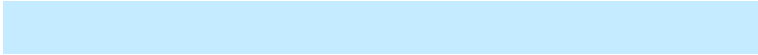
8AA55E

Sweetspot

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



35A5DF



C4EBFF



35DF6E



5C7380



000000



808080

Same Dimension

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



35A5DF



17B0FF



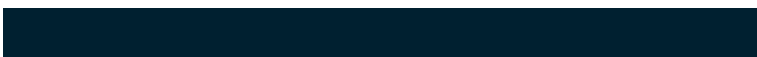
3551DF



656C70



0074B0



002030

Inverse Universe

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



DF35A5



FF17B0



DFC335



70656C



B00074



300020

Previews

White Background



This preview shows how the Hex color 35A5DF looks on a white background.

Color Contrast Check

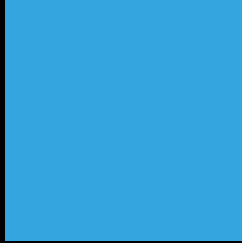
Large Text (above 18pt) WCAG AA × Fail

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 35A5DF 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 35A5DF Background



This preview shows how black text looks on a background with the Hex color 35A5DF.

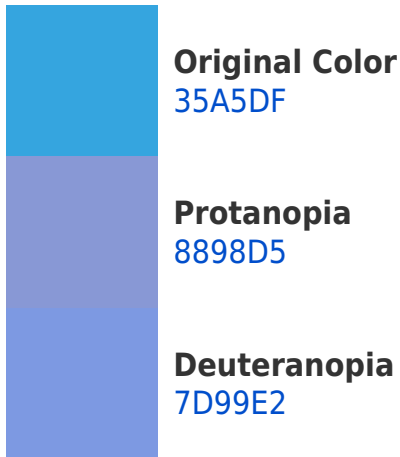


This preview shows how white text looks on a background with the Hex color 35A5DF.

Color Blindness Simulation

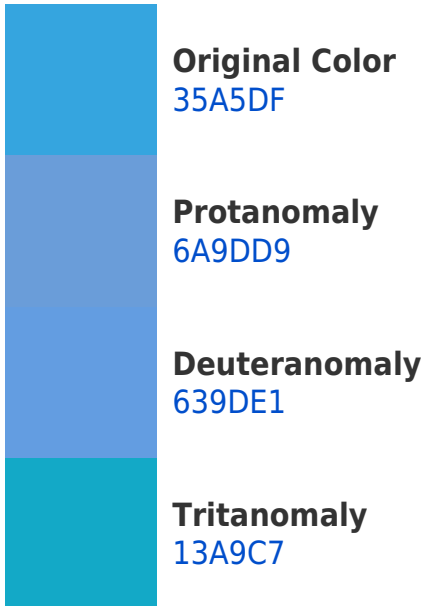
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

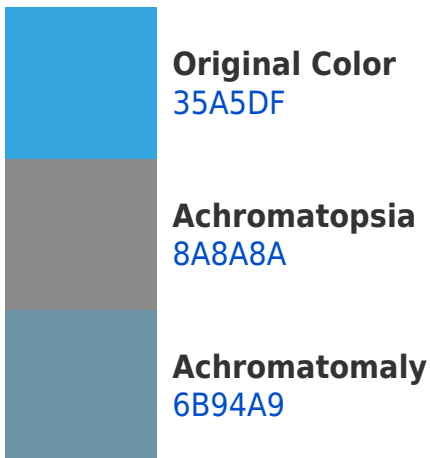




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35A5DF 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 #35A5DF looks like.

```
.text, #text, p{  
    color:#35A5DF  
}
```

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 #35A5DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A5DF
}
```

Border

The CSS property to change the border of an element to Hex 35A5DF 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
#35A5DF }
```

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

```
.border{ border-color:#35A5DF }
```

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

Here you see how a box with a 4 pixel #35A5DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A5DF; -webkit-box-shadow:4px 4px  
4px 4px #35A5DF; box-shadow:4px 4px 4px  
4px #35A5DF }
```

Background

The CSS property to change the background color of an element to Hex 35A5DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A5DF }
```

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

```
.background{ background-color:#35A5DF }
```

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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