

Converting Colors

Hex(35AFD8)

Have a look what the booklet for
Hex(35AFD8) contains.

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Color

Hex(35AFD8)

Conversions

Conversions Part 1

Format	Color
Hex	35AFD8
RGB	53, 175, 216
RGB Percent	21%, 69%, 85%
CMY	0.7922, 0.3137, 0.1529
CMYK	0.75, 0.19, 0.00, 0.15
HSL	195°, 68%, 53%
HSV	195°, 75%, 85%
XYZ	29.1928, 36.3747, 70.4481
YIQ	143.1960, -85.8730, -13.1130

Conversions

Conversions Part 2

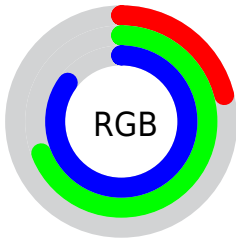
Format	Color
RYB	53, 123, 216
Decimal	3518424
CIELab	66.81, -19.57, -30.21
CIElCh	67, 35.997, 237.071
Yxy	36.3747, 0.2146, 0.2674
Android (android.graphics.Color)	4281708504 (0xFF35AFD8)
YUV	143.1960, 35.8924, -79.1019
Hunter-Lab	60.3114, -19.1448, -27.0370

Details

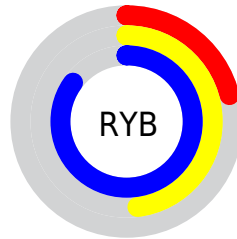
The Hex color **35AFD8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D85E35**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7BE7FF**, and **007AA1** is the 20% darker color. If you saturate the color by 10%, you get **1FAAD8**, and if you desaturate by 10%, it is **4BB4D8**.

Distribution



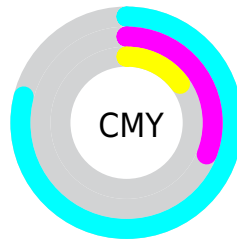
- Red (21%)
- Green (69%)
- Blue (85%)



- Red (21%)
- Yellow (48%)
- Blue (85%)



- Cyan (75%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (79%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35AFD8 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 35AFD8 by changing the saturation by 10% instead.

■ 35AFD8

■ 35AFD8

FFFFFF

■ 0094BC

■ 7BE7FF

■ 007AA1

■ 99FFFF

■ 006187

■ B8FFFF

■ 004A6D

■ D6FFFF

■ 003355

■ F5FFFF

■ 001F3D

■ 000327

■ 000111

■ 000000

■ 35AFD8

■ 35AFD8

■ 1FAAD8

■ 4BB4D8

■ 0AA4D8

■ 60BAD8

■ 00A2D8

■ 76BFD8

■ 8BC5D8

■ A1CAD8

■ B7D0D8

■ CCD5D8

■ E2DAD8

■ F7E0D8

Harmonies

Analogous

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



1DB3BF



35AFD8



6EA7E3

Triad

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



35AFD8



DE8AA7



9AA968

Complementary

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



35AFD8



D85E35

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.



BB9F61



35AFD8



E18B87

Square

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



35AFD8



C890C6



D4946D



74B07E

Rectangle

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



35AFD8



929FE0



D4946D



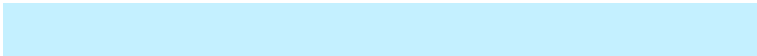
A5A664

Sweetspot

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



35AFD8



C4F0FF



35D85E



5C7780



000000



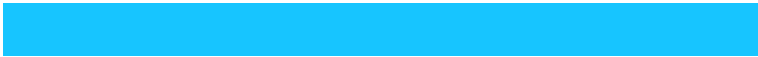
808080

Same Dimension

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



35AFD8



17C5FF



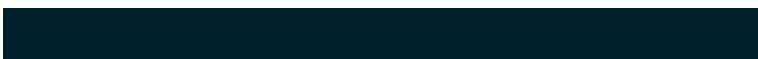
355ED8



60686B



0080AB



00202B

Inverse Universe

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



D835AF



FF17C5



D8AF35



6B6068



AB0080



2B0020

Previews

White Background



This preview shows how the Hex color 35AFD8 looks on a white background.

Color Contrast Check

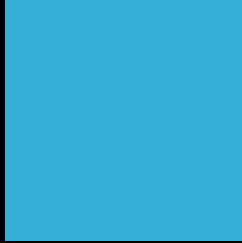
Large Text (above 18pt) WCAG AA × Fail

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 35AFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

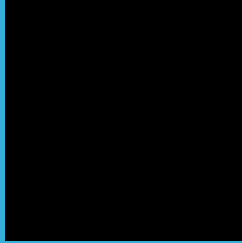
Any Text WCAG AA ✓ Pass

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 35AFD8 Background



This preview shows how black text looks on a background with the Hex color 35AFD8.

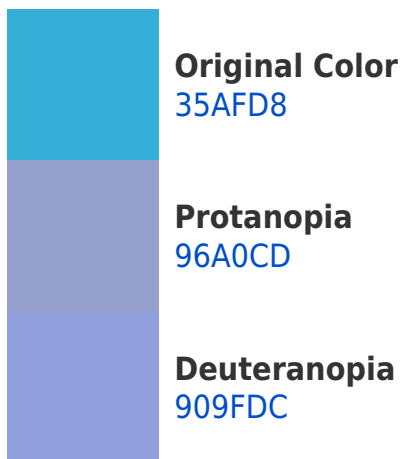


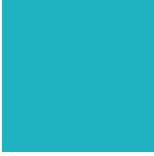
This preview shows how white text looks on a background with the Hex color 35AFD8.

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](#).

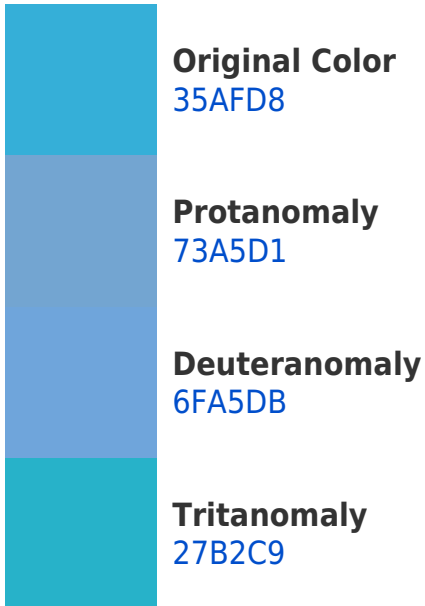
Dichromacy



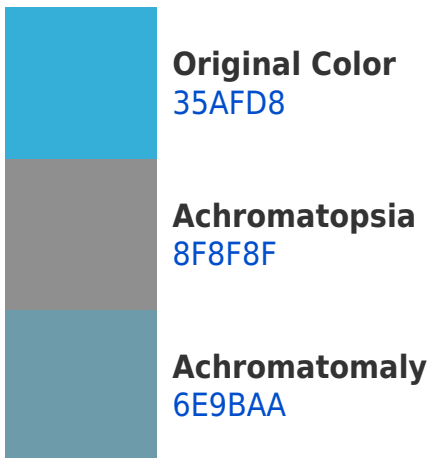


Tritanopia
1FB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35AFD8 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 #35AFD8 looks like.

```
.text, #text, p{  
    color:#35AFD8  
}
```

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 #35AFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AFD8
}
```

Border

The CSS property to change the border of an element to Hex 35AFD8 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
#35AFD8 }
```

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

```
.border{ border-color:#35AFD8 }
```

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

Here you see how a box with a 4 pixel #35AFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AFD8; -webkit-box-shadow:4px 4px  
4px 4px #35AFD8; box-shadow:4px 4px 4px  
4px #35AFD8 }
```

Background

The CSS property to change the background color of an element to Hex 35AFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AFD8 }
```

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

```
.background{ background-color:#35AFD8 }
```

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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