

Converting Colors

Hex(358AFD)

Have a look what the booklet for
Hex(358AFD) contains.

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Color

Hex(358AFD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 358AFD |
| RGB | 53, 138, 253 |
| RGB Percent | 21%, 54%, 99% |
| CMY | 0.7922, 0.4588, 0.0078 |
| CMYK | 0.79, 0.45, 0.00, 0.01 |
| HSL | 214°, 98%, 60% |
| HSV | 214°, 79%, 99% |
| XYZ | 28.2863, 26.0257, 96.4611 |
| YIQ | 125.6950, -87.5750, 17.7450 |

Conversions

Conversions Part 2

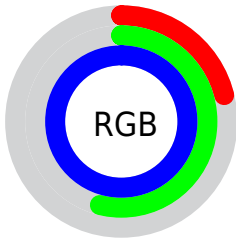
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 53, 113, 253 |
| Decimal | 3508989 |
| CIE Lab | 58.06, 14.59, -64.39 |
| CIE LCh | 58, 66.026, 282.768 |
| Yxy | 26.0257, 0.1876, 0.1726 |
| Android (android.graphics.Color) | 4281699069 (0xFF358AFD) |
| YUV | 125.6950, 62.7614, -63.7535 |
| Hunter-Lab | 51.0154, 9.6953, -76.3962 |

Details

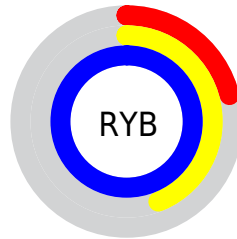
The Hex color **358AFD** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FDA835**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **80BFFF**, and **0059C4** is the 20% darker color. If you saturate the color by 10%, you get **1C7BFD**, and if you desaturate by 10%, it is **4E99FD**.

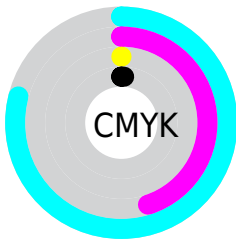
Distribution



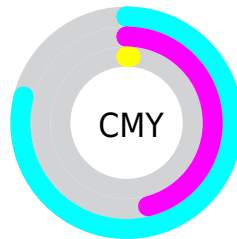
- Red (21%)
- Green (54%)
- Blue (99%)



- Red (21%)
- Yellow (44%)
- Blue (99%)



- Cyan (79%)
- Magenta (45%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (46%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358AFD 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 358AFD by changing the saturation by 10% instead.

 358AFD

 358AFD

FFFFFF

 0071E0

 80BFFF

 0059C4

 A1DAFF

 0043A8

 C0F7FF

 002E8D

 E0FFFF

 001B72

 000859

 000741

 00032A

 000114

■ 358AFD

■ 358AFD

■ 1C7BFD

■ 4E99FD

■ 026DFD

■ 68A7FD

■ 006CFD

■ 81B6FD

■ 9AC4FD

■ B4D3FD

■ CDE1FD

■ E6F0FD

FFFEFD

FFFFFD

Harmonies

Analogous

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



009BFA



358AFD



AD70E1

Triad

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



358AFD



E5633F



00A467

Complementary

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



358AFD



FDA835

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.



4E9D2E



358AFD



C27C07

Square

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



358AFD



F35075



909100



00A6A3

Rectangle

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



358AFD



D55EC1



909100



00A254

Sweetspot

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



358AFD



C2DCFF



35FDA6



5B6A80



000000



808080

Same Dimension

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



358AFD



0D74FF



4235FD



737880



0051BF



001B40

Inverse Universe

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



FD358A



FF0D74



F0FD35



807378



BF0051



40001B

Previews

White Background



This preview shows how the Hex color 358AFD looks on a white background.

Color Contrast Check

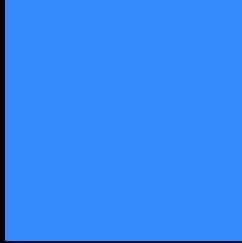
Large Text (above 18pt) WCAG AA ✓ Pass

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 358AFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

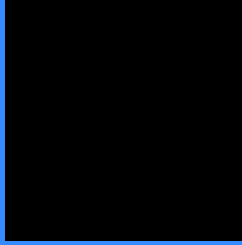
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

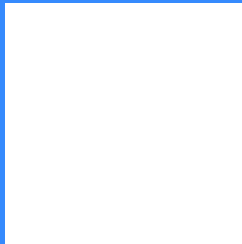
Any Text WCAG AAA × Fail

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

Hex 358AFD Background



This preview shows how black text looks on a background with the Hex color 358AFD.

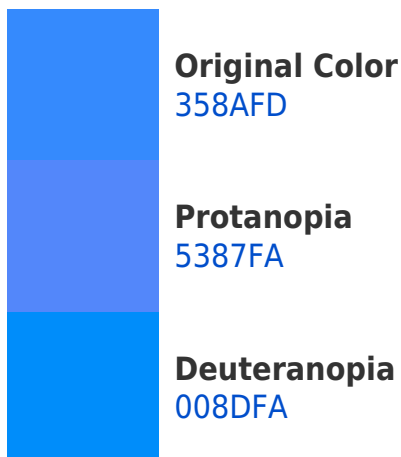


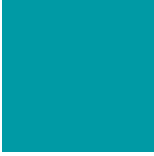
This preview shows how white text looks on a background with the Hex color 358AFD.

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](#).

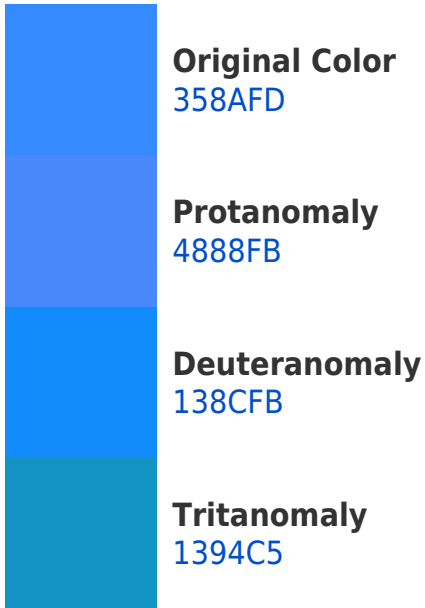
Dichromacy



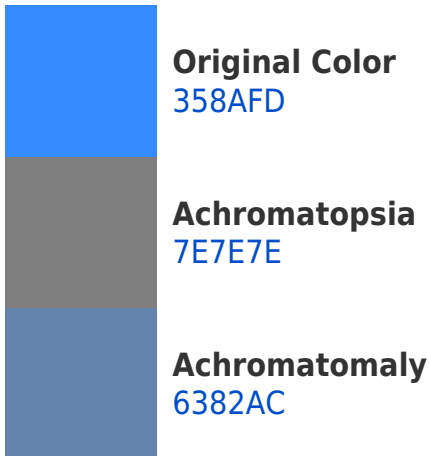


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 358AFD 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 #358AFD looks like.

```
.text, #text, p{  
    color:#358AFD  
}
```

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 #358AFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358AFD
}
```

Border

The CSS property to change the border of an element to Hex 358AFD 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
#358AFD }
```

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

```
.border{ border-color:#358AFD }
```

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

Here you see how a box with a 4 pixel #358AFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358AFD; -webkit-box-shadow:4px 4px  
4px 4px #358AFD; box-shadow:4px 4px 4px  
4px #358AFD }
```

Background

The CSS property to change the background color of an element to Hex 358AFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358AFD }
```

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

```
.background{ background-color:#358AFD }
```

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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