

# Converting Colors

Hex(35A0FF)

Have a look what the booklet for  
Hex(35A0FF) contains.

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# **Color**

**Hex(35A0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35A0FF
RGB	53, 160, 255
RGB Percent	21%, 63%, 100%
CMY	0.7922, 0.3725, 0.0000
CMYK	0.79, 0.37, 0.00, 0.00
HSL	208°, 100%, 60%
HSV	208°, 79%, 100%
XYZ	32.0890, 33.1185, 99.3090
YIQ	138.8370, -94.2670, 6.8610

# Conversions

## Conversions Part 2

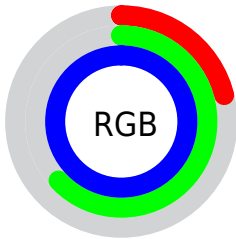
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 123, 255
Decimal	3514623
CIELab	64.26, 2.22, -55.58
CIElCh	64, 55.628, 272.291
Yxy	33.1185, 0.1951, 0.2013
Android (android.graphics.Color)	4281704703 (0xFF35A0FF)
YUV	138.8370, 57.2684, -75.2790
Hunter-Lab	57.5487, -1.1790, -62.0298

# Details

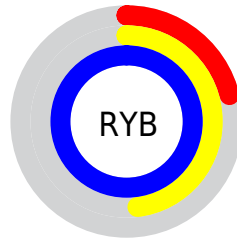
The Hex color **35A0FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF9435**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **81D6FF**, and **006DC6** is the 20% darker color. If you saturate the color by 10%, you get **1B94FF**, and if you desaturate by 10%, it is **4FACFF**.

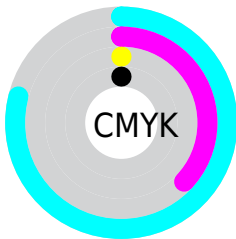
# Distribution



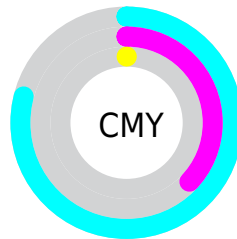
- Red (21%)
- Green (63%)
- Blue (100%)



- Red (21%)
- Yellow (48%)
- Blue (100%)



- Cyan (79%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (37%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35A0FF 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 35A0FF by changing the saturation by 10% instead.



 35A0FF

 35A0FF

FFFFFF

 0086E2

 81D6FF

 006DC6

 A1F3FF

 0055AA

 C0FFFF

 003F8F

 E0FFFF

 002A75

 00165C

 000743

 00032C

 000116

■ 35A0FF

■ 35A0FF

■ 1B94FF

■ 4FACFF

■ 0288FF

■ 68B8FF

■ 0087FF

■ 82C4FF

■ 9BD0FF

■ B4DCFF

■ CEE8FF

■ E8F4FF

FFFFFF

# Harmonies

## Analogous

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



00ADF3



35A0FF



A38DF0

# Triad

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



35A0FF



F37669



37B06B

# Complementary

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



35A0FF



FF9435

# 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.



81A843



35A0FF



DB8843

# Square

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



35A0FF



F56F9A



B39A31



00B49E

# Rectangle

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



35A0FF



CC7FD9



B39A31



56AE5C

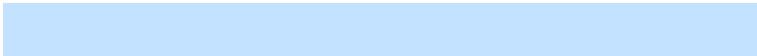


# Sweetspot

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



35A0FF



C2E2FF



35FF93



5B6E80



000000



808080



# Same Dimension

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



35A0FF



0D8DFF



353CFF



737A80



0065BF



002240



# Inverse Universe

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



FF35A0



FF0D8D



FFF835



80737A



BF0065



400022



# Previews

## White Background



This preview shows how the Hex color 35A0FF looks on a white background.

## Color Contrast Check

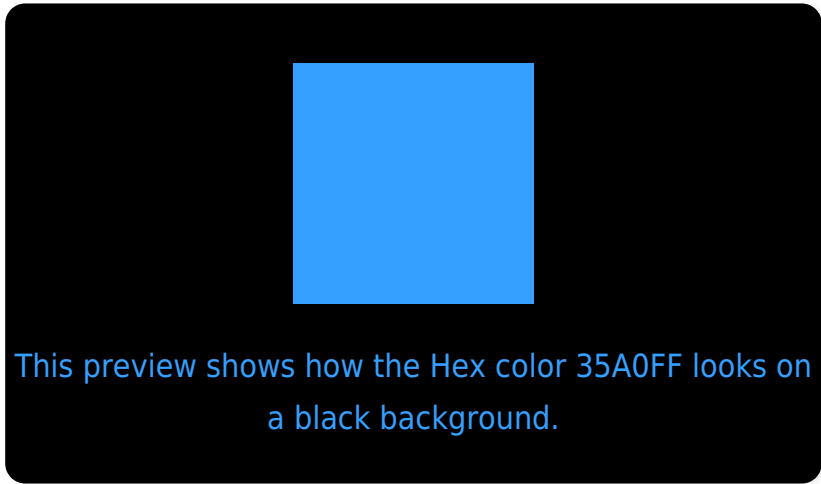
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

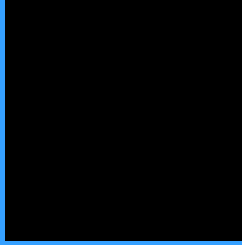
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

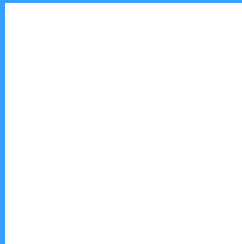
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35A0FF Background



This preview shows how black text looks on a background with the Hex color 35A0FF.



This preview shows how white text looks on a background with the Hex color 35A0FF.

# 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](#).

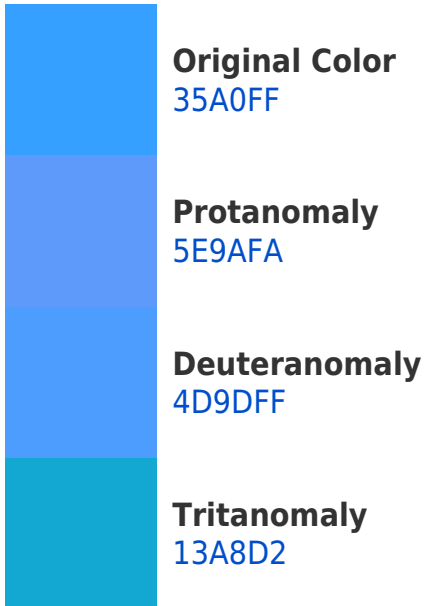
## Dichromacy



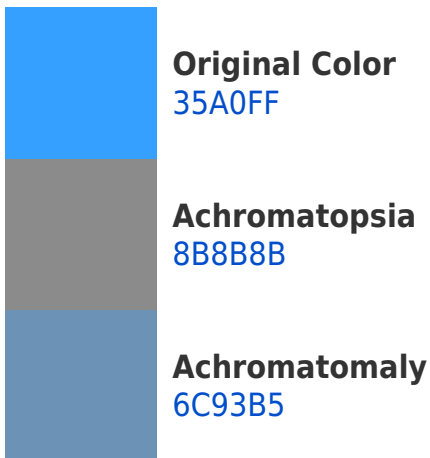


**Tritanopia**  
00ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35A0FF 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 #35A0FF looks like.

```
.text, #text, p{  
    color:#35A0FF  
}
```

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 #35A0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A0FF
}
```

## Border

The CSS property to change the border of an element to Hex 35A0FF 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
#35A0FF }
```

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

```
.border{ border-color:#35A0FF }
```

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

Here you see how a box with a 4 pixel #35A0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A0FF; -webkit-box-shadow:4px 4px  
4px 4px #35A0FF; box-shadow:4px 4px 4px  
4px #35A0FF }
```

# Background

The CSS property to change the background color of an element to Hex 35A0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A0FF }
```

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

```
.background{ background-color:#35A0FF }
```

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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