

Converting Colors

Hex(35A6FF)

Have a look what the booklet for
Hex(35A6FF) contains.

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Color

Hex(35A6FF)

Conversions

Conversions Part 1

Format	Color
Hex	35A6FF
RGB	53, 166, 255
RGB Percent	21%, 65%, 100%
CMY	0.7922, 0.3490, 0.0000
CMYK	0.79, 0.35, 0.00, 0.00
HSL	206°, 100%, 60%
HSV	206°, 79%, 100%
XYZ	33.1544, 35.2493, 99.6641
YIQ	142.3590, -95.9170, 3.7230

Conversions

Conversions Part 2

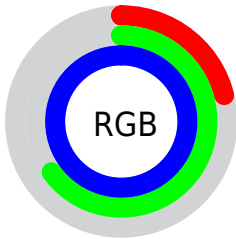
Format	Color
R_{YB}	53, 125, 255
Decimal	3516159
CIE _{Lab}	65.94, -1.23, -52.91
CIE _{LCh}	66, 52.923, 268.667
Yxy	35.2493, 0.1973, 0.2097
Android (android.graphics.Color)	4281706239 (0xFF35A6FF)
YUV	142.3590, 55.5320, -78.3678
Hunter-Lab	59.3711, -4.2204, -57.9681

Details

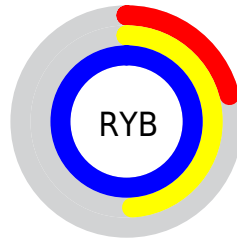
The Hex color **35A6FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF8E35**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **81DDFF**, and **0073C6** is the 20% darker color. If you saturate the color by 10%, you get **1B9BFF**, and if you desaturate by 10%, it is **4FB1FF**.

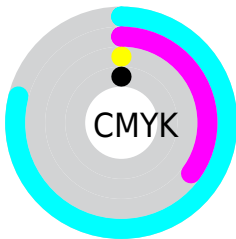
Distribution



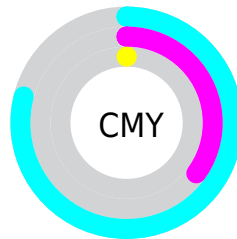
- Red (21%)
- Green (65%)
- Blue (100%)



- Red (21%)
- Yellow (49%)
- Blue (100%)



- Cyan (79%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A6FF 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 35A6FF by changing the saturation by 10% instead.

 35A6FF

 35A6FF

FFFFFF

 008CE2

 81DDFF

 0073C6

 A1F9FF

 005AAA

 C1FFFF

 00448F

 E0FFFF

 002E75

 001B5C

 000744

 00032C


 000117

 35A6FF

 35A6FF

 1B9BFF

 4FB1FF

 0290FF

 68BCFF

 008FFF

 82C8FF

 9BD3FF

 B4DEFF

 CEE9FF

 E8F5FF

FFFFFF

Harmonies

Analogous

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



00B2F1



35A6FF



9F95F4

Triad

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



35A6FF



F67B75



4FB46D

Complementary

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



35A6FF



FF8E35

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.



8DAB49



35A6FF



E28B4F

Square

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



35A6FF



F577A4



BD9D3D



00B89C

Rectangle

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



35A6FF



C988DF



BD9D3D



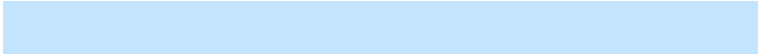
67B15F

Sweetspot

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



35A6FF



C2E4FF



35FF8D



5B6F80



000000



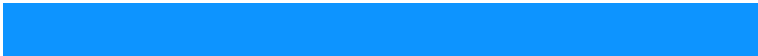
808080

Same Dimension

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



35A6FF



0D94FF



3542FF



737A80



006BBF



002440

Inverse Universe

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



FF35A6



FF0D94



FFF235



80737A



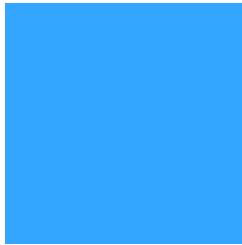
BF006B



400024

Previews

White Background



This preview shows how the Hex color 35A6FF looks on a white background.

Color Contrast Check

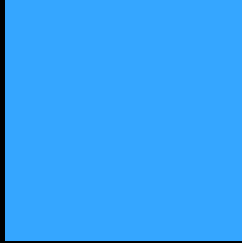
Large Text (above 18pt) WCAG AA × Fail

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 35A6FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

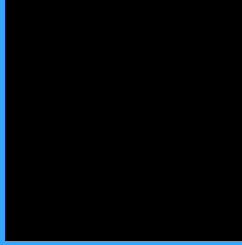
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

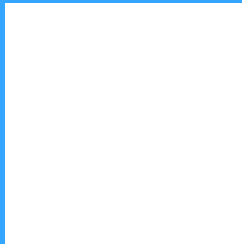
Any Text WCAG AAA ✓ Pass

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

Hex 35A6FF Background



This preview shows how black text looks on a background with the Hex color 35A6FF.

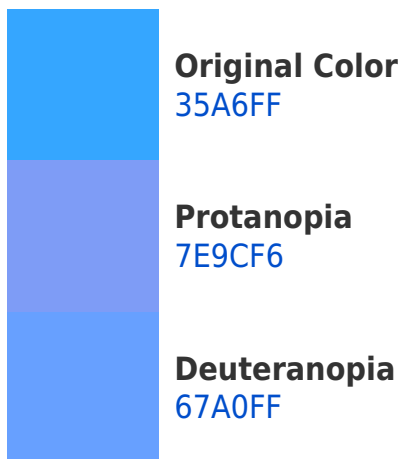


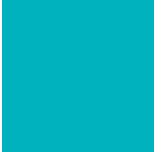
This preview shows how white text looks on a background with the Hex color 35A6FF.

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](#).

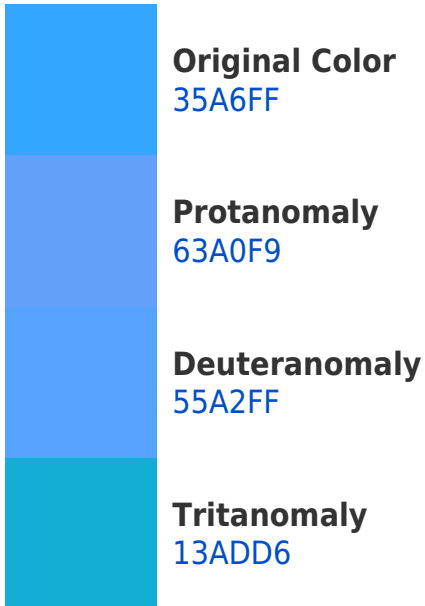
Dichromacy



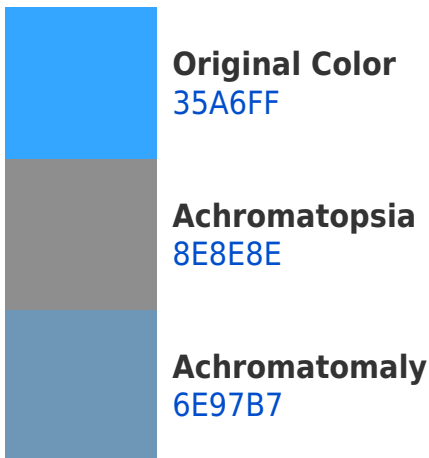


Tritanopia
00B1BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35A6FF 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 #35A6FF looks like.

```
.text, #text, p{  
    color:#35A6FF  
}
```

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 #35A6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A6FF  
}
```

Border

The CSS property to change the border of an element to Hex 35A6FF 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  
#35A6FF }
```

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

```
.border{ border-color:#35A6FF }
```

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

Here you see how a box with a 4 pixel #35A6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A6FF; -webkit-box-shadow:4px 4px  
4px 4px #35A6FF; box-shadow:4px 4px 4px  
4px #35A6FF }
```

Background

The CSS property to change the background color of an element to Hex 35A6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A6FF }
```

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

```
.background{ background-color:#35A6FF }
```

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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