

Converting Colors

Hex(36A3FF)

Have a look what the booklet for
Hex(36A3FF) contains.

Hex(36A3FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36A3FF)

Conversions

Conversions Part 1

Format	Color
Hex	36A3FF
RGB	54, 163, 255
RGB Percent	21%, 64%, 100%
CMY	0.7882, 0.3608, 0.0000
CMYK	0.79, 0.36, 0.00, 0.00
HSL	207°, 100%, 61%
HSV	207°, 79%, 100%
XYZ	32.6685, 34.1987, 99.4869
YIQ	140.8970, -94.4960, 5.5040

Conversions

Conversions Part 2

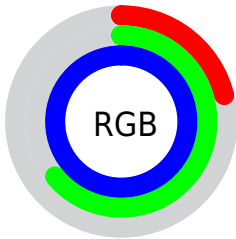
Format	Color
R _Y B	54, 125, 255
Decimal	3580927
CIE Lab	65.12, 0.59, -54.21
CIE LCh	65, 54.214, 270.619
Yxy	34.1987, 0.1964, 0.2056
Android (android.graphics.Color)	4281771007 (0xFF36A3FF)
YUV	140.8970, 56.2528, -76.2087
Hunter-Lab	58.4796, -2.6237, -59.9298

Details

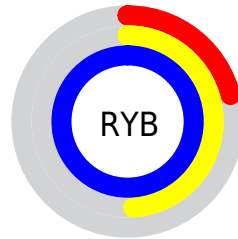
The Hex color **36A3FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF9236**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **81DAFF**, and **0070C6** is the 20% darker color. If you saturate the color by 10%, you get **1C97FF**, and if you desaturate by 10%, it is **50AFFF**.

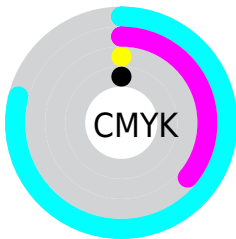
Distribution



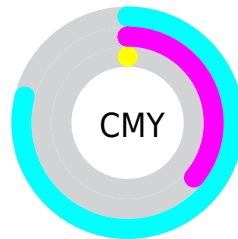
- Red (21%)
- Green (64%)
- Blue (100%)



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



- Cyan (79%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36A3FF 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 36A3FF by changing the saturation by 10% instead.

 36A3FF

 36A3FF

FFFFFF

 0089E2

 81DAFF

 0070C6

 A1F6FF

 0058AA

 C1FFFF

 00418F

 E0FFFF

 002C75

 00195C

 000743

 00032C

 000117

 36A3FF

 36A3FF

 1C97FF

 50AFFF

 038CFF

 69BAFF

 008AFF

 83C6FF

 9CD2FF

 B5DDFF

 CFE9FF

 E9F5FF

FFFFFF

Harmonies

Analogous

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



00AFF2



36A3FF



A191F2

Triad

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



36A3FF



F5796F



44B26C

Complementary

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



36A3FF



FF9236

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.



87AA46



36A3FF



DE8A49

Square

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



36A3FF



F5739F



B89C37



00B69E

Rectangle

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



36A3FF



CB84DC



B89C37



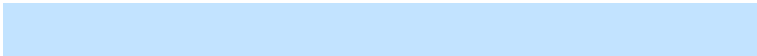
5EB05E

Sweetspot

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



36A3FF



C2E3FF



36FF90



5B6F80



000000



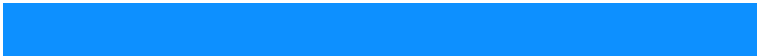
808080

Same Dimension

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



36A3FF



0D90FF



3640FF



737A80



0068BF



002340

Inverse Universe

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



FF36A3



FF0D90



FFF536



80737A



BF0068



400023

Previews

White Background



This preview shows how the Hex color 36A3FF looks on a white background.

Color Contrast Check

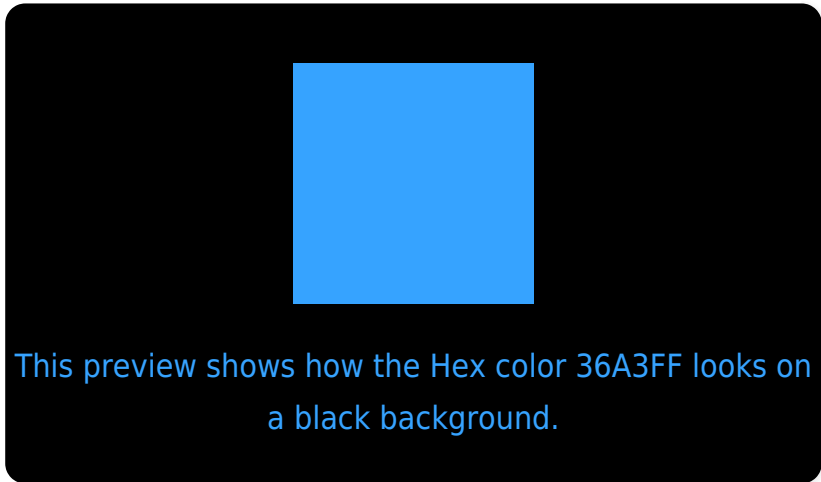
Large Text (above 18pt) WCAG AA × Fail

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

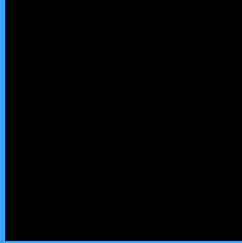
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

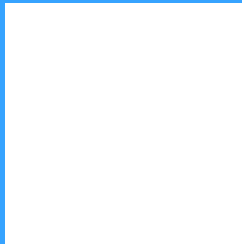
Any Text WCAG AAA ✓ Pass

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

Hex 36A3FF Background



This preview shows how black text looks on a background with the Hex color 36A3FF.

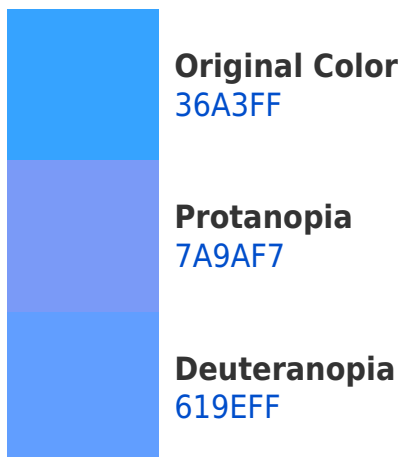


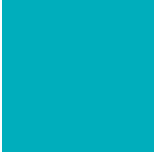
This preview shows how white text looks on a background with the Hex color 36A3FF.

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](#).

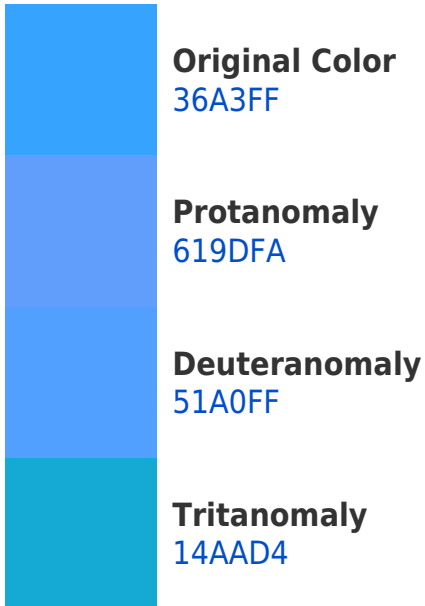
Dichromacy





Tritanopia
00AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36A3FF 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 #36A3FF looks like.

```
.text, #text, p{  
    color:#36A3FF  
}
```

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 #36A3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A3FF  
}
```

Border

The CSS property to change the border of an element to Hex 36A3FF 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  
#36A3FF }
```

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

```
.border{ border-color:#36A3FF }
```

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

Here you see how a box with a 4 pixel #36A3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A3FF; -webkit-box-shadow:4px 4px  
4px 4px #36A3FF; box-shadow:4px 4px 4px  
4px #36A3FF }
```

Background

The CSS property to change the background color of an element to Hex 36A3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A3FF }
```

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

```
.background{ background-color:#36A3FF }
```

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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