

Converting Colors

Hex(36C6FF)

Have a look what the booklet for
Hex(36C6FF) contains.

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Color

Hex(36C6FF)

Conversions

Conversions Part 1

Format	Color
Hex	36C6FF
RGB	54, 198, 255
RGB Percent	21%, 78%, 100%
CMY	0.7882, 0.2235, 0.0000
CMYK	0.79, 0.22, 0.00, 0.00
HSL	197°, 100%, 61%
HSV	197°, 79%, 100%
XYZ	39.7654, 48.3924, 101.8526
YIQ	161.4420, -104.1210, -12.8010

Conversions

Conversions Part 2

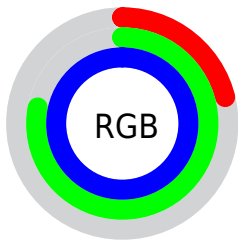
Format	Color
R _{YB}	54, 138, 255
Decimal	3589887
CIE Lab	75.07, -18.59, -38.58
CIE LCh	75, 42.825, 244.272
Yxy	48.3924, 0.2093, 0.2547
Android (android.graphics.Color)	4281779967 (0xFF36C6FF)
YUV	161.4420, 46.1241, -94.2266
Hunter-Lab	69.5647, -19.7018, -38.1137

Details

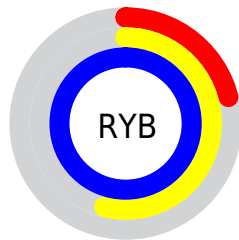
The Hex color **36C6FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6F36**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **82FFFF**, and **0090C6** is the 20% darker color. If you saturate the color by 10%, you get **1CBFFF**, and if you desaturate by 10%, it is **50CDFF**.

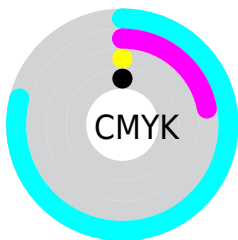
Distribution



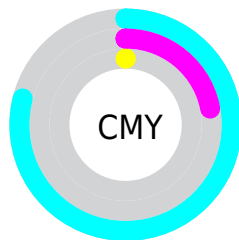
- Red (21%)
- Green (78%)
- Blue (100%)



- Red (21%)
- Yellow (54%)
- Blue (100%)



- Cyan (79%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36C6FF 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 36C6FF by changing the saturation by 10% instead.

 36C6FF

 36C6FF

FFFFFF

 00ABE2

 82FFFF

 0090C6

 A3FFFF

 0076AB

 C3FFFF


 005E90

 E2FFFF

 004676

 00305D

 001D45

 00042E

 000119

 36C6FF

 36C6FF

 1CBFFF

 50CDFE

 03B8FF

 69D4FF

 00B7FF

 83DCFF

 9CE3FF

 B5EAFF

 CFF1FF

 E9F9FF

FFFFFF

Harmonies

Analogous

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



00CCE4



36C6FF



87BBFF

Triad

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



36C6FF



FF99B5



A3C476

Complementary

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



36C6FF



FF6F36

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.



CDB869



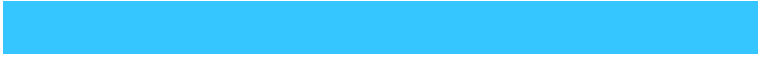
36C6FF



FF9E8E

Square

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



36C6FF



EF9FDC



EEAB72



72CB95

Rectangle

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



36C6FF



B2B1FF



EEAB72



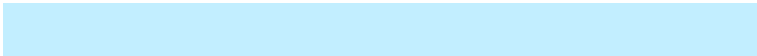
B2C06F

Sweetspot

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



36C6FF



C2EEFF



36FF6F



5B7580



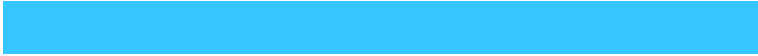
000000



808080

Same Dimension

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



36C6FF



0DBAFF



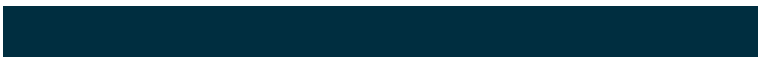
3662FF



737C80



0089BF



002E40

Inverse Universe

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



FF36C6



FF0DBA



FFD336



80737C



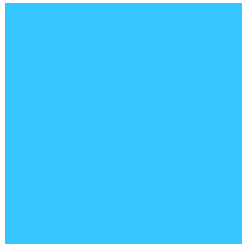
BF0089



40002E

Previews

White Background



This preview shows how the Hex color 36C6FF looks on a white background.

Color Contrast Check

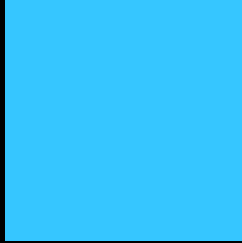
Large Text (above 18pt) WCAG AA × Fail

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 36C6FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

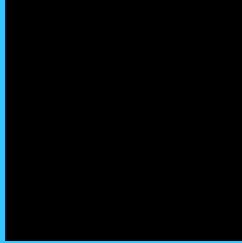
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

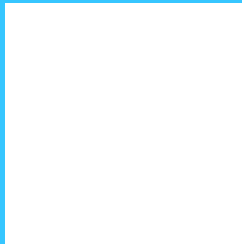
Any Text WCAG AAA ✓ Pass

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

Hex 36C6FF Background



This preview shows how black text looks on a background with the Hex color 36C6FF.

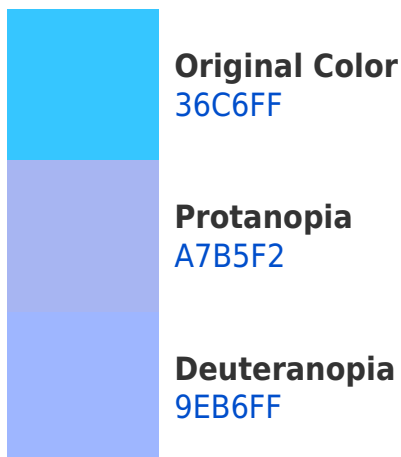


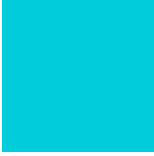
This preview shows how white text looks on a background with the Hex color 36C6FF.

Color Blindness Simulation

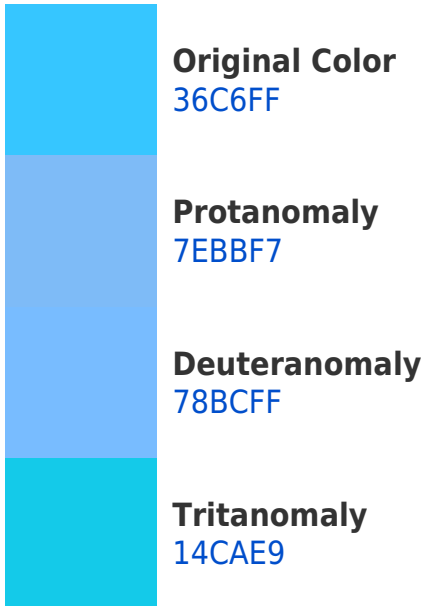
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

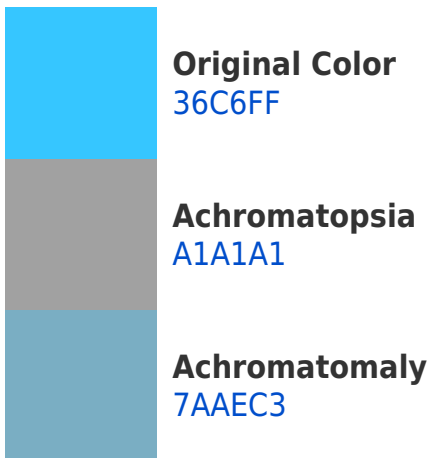




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36C6FF 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 #36C6FF looks like.

```
.text, #text, p{  
  color:#36C6FF  
}
```

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 #36C6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C6FF  
}
```

Border

The CSS property to change the border of an element to Hex 36C6FF 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  
#36C6FF }
```

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

```
.border{ border-color:#36C6FF }
```

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

Here you see how a box with a 4 pixel #36C6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C6FF; -webkit-box-shadow:4px 4px  
4px 4px #36C6FF; box-shadow:4px 4px 4px  
4px #36C6FF }
```

Background

The CSS property to change the background color of an element to Hex 36C6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C6FF }
```

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

```
.background{ background-color:#36C6FF }
```

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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