

Converting Colors

Hex(33A8FF)

Have a look what the booklet for
Hex(33A8FF) contains.

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Color

Hex(33A8FF)

Conversions

Conversions Part 1

Format	Color
Hex	33A8FF
RGB	51, 168, 255
RGB Percent	20%, 66%, 100%
CMY	0.8000, 0.3412, 0.0000
CMYK	0.80, 0.34, 0.00, 0.00
HSL	206°, 100%, 60%
HSV	206°, 80%, 100%
XYZ	33.4179, 35.9291, 99.7814
YIQ	142.9350, -97.6590, 2.2530

Conversions

Conversions Part 2

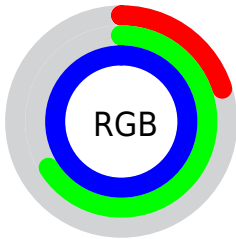
Format	Color
R _Y B	51, 125, 255
Decimal	3385599
CIE Lab	66.47, -2.56, -52.08
CIE LCh	66, 52.145, 267.189
Yxy	35.9291, 0.1976, 0.2124
Android (android.graphics.Color)	4281575679 (0xFF33A8FF)
YUV	142.9350, 55.2480, -80.6270
Hunter-Lab	59.9409, -5.3803, -56.7394

Details

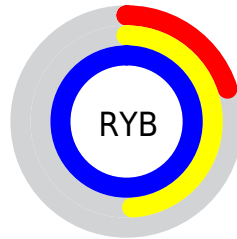
The Hex color **33A8FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF8A33**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **80DFFF**, and **0074C6** is the 20% darker color. If you saturate the color by 10%, you get **199DFF**, and if you desaturate by 10%, it is **4DB3FF**.

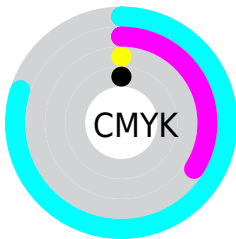
Distribution



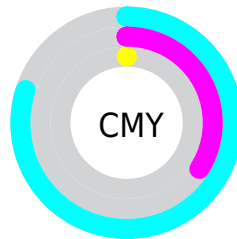
- Red (20%)
- Green (66%)
- Blue (100%)



- Red (20%)
- Yellow (49%)
- Blue (100%)



- Cyan (80%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A8FF 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 33A8FF by changing the saturation by 10% instead.

 33A8FF

 33A8FF

FFFFFF

 008EE2

 80DFFF

 0074C6

 A0FBFF

 005CAA

 C0FFFF

 00458F

 DFFFFF

 003075

 001C5C

 000744

 00032D

 000117

 33A8FF

 33A8FF

 199DFF

 4DB3FF

 0092FF

 66BEFF

 80C9FF

 99D4FF

 B3DEFF

 CCE9FF

 E6F4FF

FFFFFF

Harmonies

Analogous

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



00B3F0



33A8FF



9D97F5

Triad

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



33A8FF



F77D79



56B56D

Complementary

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



33A8FF



FF8A33

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.



92AC4A



33A8FF



E48C53

Square

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



33A8FF



F579A8



C09E40



00B99C

Rectangle

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



33A8FF



C78AE2



C09E40



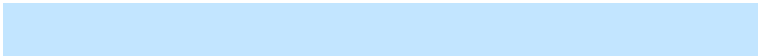
6DB25F

Sweetspot

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



33A8FF



C2E5FF



33FF88



5B7080



000000



808080

Same Dimension

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



33A8FF



0A97FF



3344FF



737A80



006EBF



002540

Inverse Universe

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



FF33A8



FF0A97



FFEE33



80737A



BF006E



400025

Previews

White Background



This preview shows how the Hex color 33A8FF looks on a white background.

Color Contrast Check

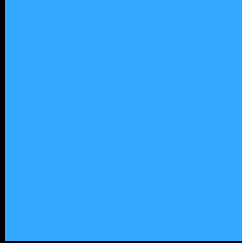
Large Text (above 18pt) WCAG AA × Fail

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 33A8FF 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

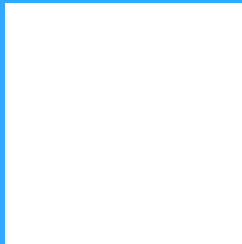
Any Text WCAG AAA ✓ Pass

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

Hex 33A8FF Background



This preview shows how black text looks on a background with the Hex color 33A8FF.

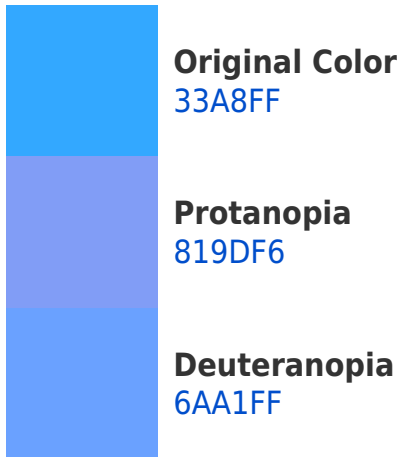


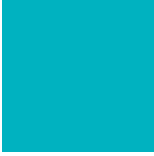
This preview shows how white text looks on a background with the Hex color 33A8FF.

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](#).

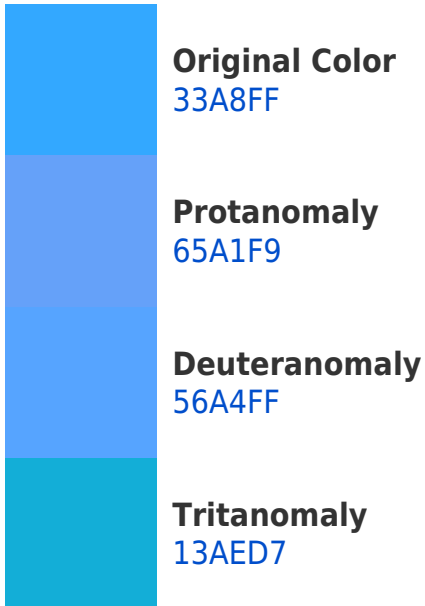
Dichromacy



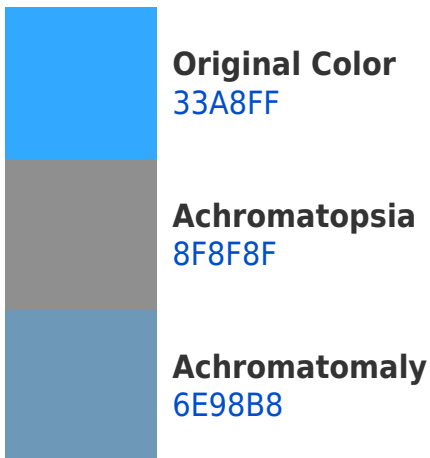


Tritanopia
00B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33A8FF 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 #33A8FF looks like.

```
.text, #text, p{  
    color:#33A8FF  
}
```

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 #33A8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A8FF
}
```

Border

The CSS property to change the border of an element to Hex 33A8FF 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
#33A8FF }
```

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

```
.border{ border-color:#33A8FF }
```

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

Here you see how a box with a 4 pixel #33A8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A8FF; -webkit-box-shadow:4px 4px  
4px 4px #33A8FF; box-shadow:4px 4px 4px  
4px #33A8FF }
```

Background

The CSS property to change the background color of an element to Hex 33A8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A8FF }
```

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

```
.background{ background-color:#33A8FF }
```

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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