

Converting Colors

Hex(3CAFF6)

Have a look what the booklet for
Hex(3CAFF6) contains.

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Color

Hex(3CAFF6)

Conversions

Conversions Part 1

Format	Color
Hex	3CAFF6
RGB	60, 175, 246
RGB Percent	24%, 69%, 96%
CMY	0.7647, 0.3137, 0.0353
CMYK	0.76, 0.29, 0.00, 0.04
HSL	203°, 91%, 60%
HSV	203°, 76%, 96%
XYZ	33.8280, 38.2744, 92.7936
YIQ	148.7090, -91.3310, -2.2990

Conversions

Conversions Part 2

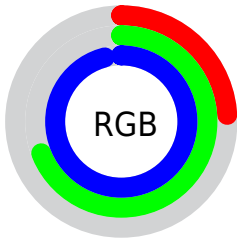
Format	Color
R _{YB}	60, 131, 246
Decimal	3977206
CIE Lab	68.22, -8.69, -44.41
CIE LCh	68, 45.251, 258.927
Yxy	38.2744, 0.2051, 0.2321
Android (android.graphics.Color)	4282167286 (0xFF3CAFF6)
YUV	148.7090, 47.9645, -77.7978
Hunter-Lab	61.8663, -10.6637, -45.6229

Details

The Hex color **3CAFF6** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F6833C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **83E6FF**, and **007BBD** is the 20% darker color. If you saturate the color by 10%, you get **23A6F6**, and if you desaturate by 10%, it is **55B8F6**.

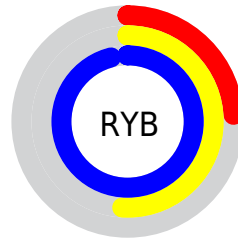
Distribution



Red (24%)

Green (69%)

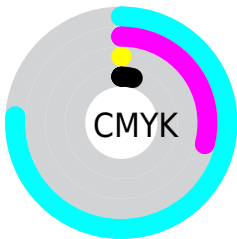
Blue (96%)



Red (24%)

Yellow (51%)

Blue (96%)

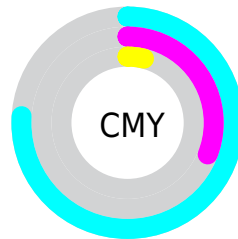


Cyan (76%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CAFF6 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 3CAFF6 by changing the saturation by 10% instead.

■ 3CAFF6

■ 3CAFF6

FFFFFF

■ 0094D9

■ 83E6FF

■ 007BBE

■ A3FFFF

■ 0062A2

■ C2FFFF

■ 004B87

■ E1FFFF

■ 00346E

■ 002055

■ 00063D

■ 000327

■ 000110

■ 3CAFF6

■ 3CAFF6

■ 23A6F6

■ 55B8F6

■ 0B9CF6

■ 6DC2F6

■ 0098F6

■ 86CBF6

■ 9ED5F6

■ B7DEF6

■ D0E7F6

■ E8F1F6

■ FFFAF6

■ FFFFF6

Harmonies

Analogous

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



00B8E3



3CAFF6



92A1F4

Triad

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



3CAFF6



F4868E



77B56F

Complementary

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



3CAFF6



F6833C

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.



A6AC57



3CAFF6



E9906A

Square

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



3CAFF6



EB86B7



CD9F55



35BB95

Rectangle

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



3CAFF6



BA97E6



CD9F55



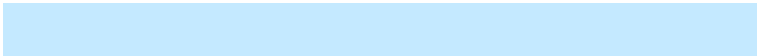
88B365

Sweetspot

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



3CAFF6



C4E9FF



3CF680



5C7280



000000



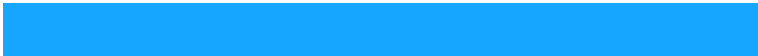
808080

Same Dimension

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



3CAFF6



17A6FF



3C55F6



6E767A



0073BA



00243B

Inverse Universe

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



F63CAF



FF17A6



F6DD3C



7A6E76



BA0073



3B0024

Previews

White Background



This preview shows how the Hex color 3CAFF6 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

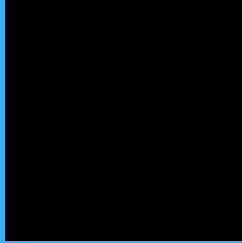
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

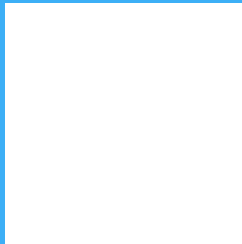
Any Text WCAG AAA ✓ Pass

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

Hex 3CAFF6 Background



This preview shows how black text looks on a background with the Hex color 3CAFF6.

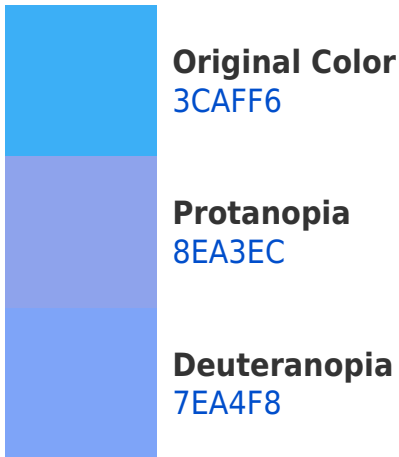


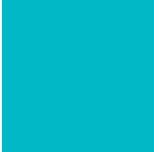
This preview shows how white text looks on a background with the Hex color 3CAFF6.

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](#).

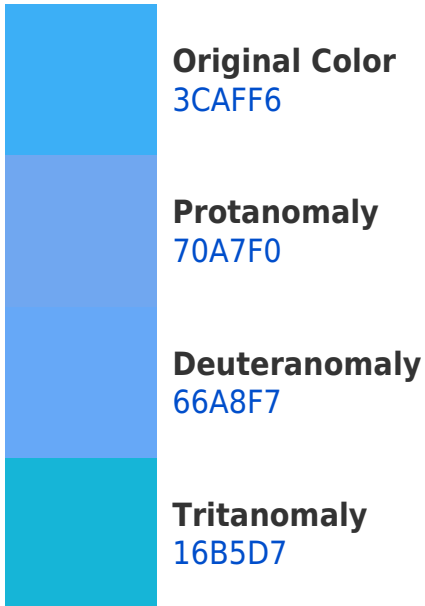
Dichromacy



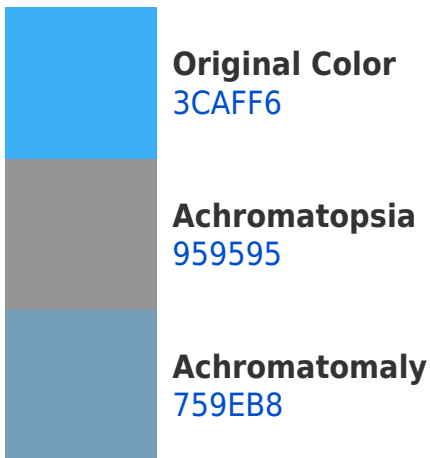


Tritanopia
00B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CAFF6 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 #3CAFF6 looks like.

```
.text, #text, p{  
    color:#3CAFF6  
}
```

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 #3CAFF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAFF6  
}
```

Border

The CSS property to change the border of an element to Hex 3CAFF6 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  
#3CAFF6 }
```

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

```
.border{ border-color:#3CAFF6 }
```

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

Here you see how a box with a 4 pixel #3CAFF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAFF6; -webkit-box-shadow:4px 4px  
4px 4px #3CAFF6; box-shadow:4px 4px 4px  
4px #3CAFF6 }
```

Background

The CSS property to change the background color of an element to Hex 3CAFF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAFF6 }
```

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

```
.background{ background-color:#3CAFF6 }
```

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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