

# Converting Colors

Hex(44AFFC)

Have a look what the booklet for  
Hex(44AFFC) contains.

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# **Color**

**Hex(44AFFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44AFFC
RGB	68, 175, 252
RGB Percent	27%, 69%, 99%
CMY	0.7333, 0.3137, 0.0118
CMYK	0.73, 0.31, 0.00, 0.01
HSL	205°, 97%, 63%
HSV	205°, 73%, 99%
XYZ	35.2846, 38.9172, 97.7475
YIQ	151.7850, -88.4890, 1.2630

# Conversions

## Conversions Part 2

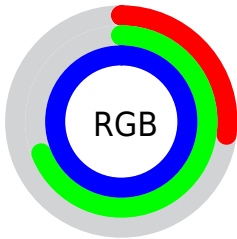
Format	Color
R <sub>YB</sub>	68, 136, 252
Decimal	4501500
CIE <sub>Lab</sub>	68.69, -5.70, -46.92
CIE <sub>LCh</sub>	69, 47.261, 263.076
Y <sub>xy</sub>	38.9172, 0.2052, 0.2263
Android (android.graphics.Color)	4282691580 (0xFF44AFFC)
Y <sub>UV</sub>	151.7850, 49.4060, -73.4794
Hunter-Lab	62.3836, -8.2107, -49.2317

# Details

The Hex color **44AFFC** 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 **FC9144**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **89E6FF**, and **007BC3** is the 20% darker color. If you saturate the color by 10%, you get **2BA4FC**, and if you desaturate by 10%, it is **5DBAFC**.

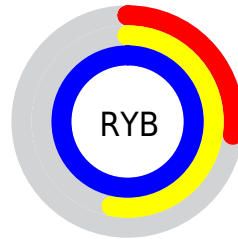
# Distribution



Red (27%)

Green (69%)

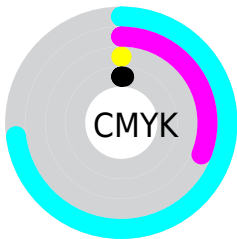
Blue (99%)



Red (27%)

Yellow (53%)

Blue (99%)

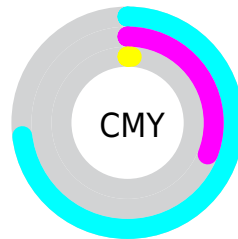


Cyan (73%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (73%)

Magenta (31%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44AFFC 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 44AFFC by changing the saturation by 10% instead.



 44AFFC

 44AFFC

FFFFFF

 0395DF

 89E6FF

 007BC3

 A9FFFF

 0062A7

 C8FFFF

 004B8D

 E7FFFF

 003573

 00205A

 000742

 00032B

 000115

■ 44AFFC

■ 44AFFC

■ 2BA4FC

■ 5DBAFC

■ 129AFC

■ 76C4FC

■ 0093FC

■ 90CFFC

■ A9D9FC

■ C2E4FC

■ DBEEFC

■ F4F9FC

FFFFFC

# Harmonies

## Analogous

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



00B9EB



44AFFC



9CA0F6

# Triad

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



44AFFC



F88688



6EB872

# Complementary

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



44AFFC



FC9144

# 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.



A0AF56



44AFFC



E99265

# Square

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



44AFFC



F285B3



CAA251



15BD9C

# Rectangle

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



44AFFC



C395E6



CAA251



80B667

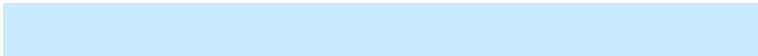


# Sweetspot

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



44AFFC



C7E8FF



44FC91



5E7280



000000



808080



# Same Dimension

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



44AFFC



1FA1FF



4453FC



70787D



006EBD



00243D



# Inverse Universe

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



FC44AF



FF1FA1



FCED44



7D7078



BD006E



3D0024



# Previews

## White Background



This preview shows how the Hex color 44AFFC looks on a white background.

## Color Contrast Check

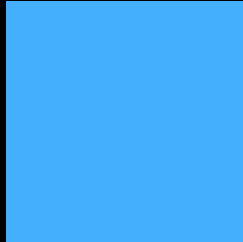
Large Text (above 18pt) WCAG AA × Fail

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 44AFFC 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

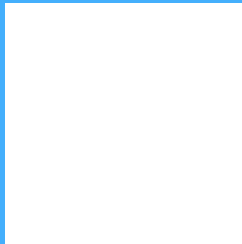
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44AFFC Background



This preview shows how black text looks on a background with the Hex color 44AFFC.

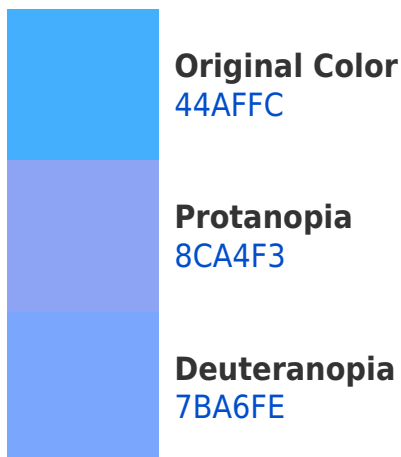


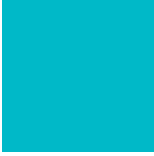
This preview shows how white text looks on a background with the Hex color 44AFFC.

# 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](#).

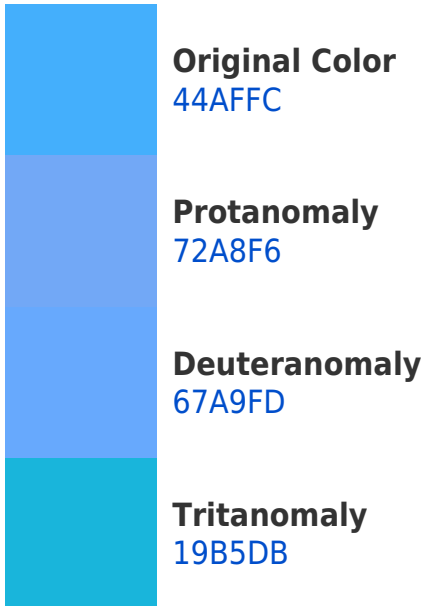
## Dichromacy



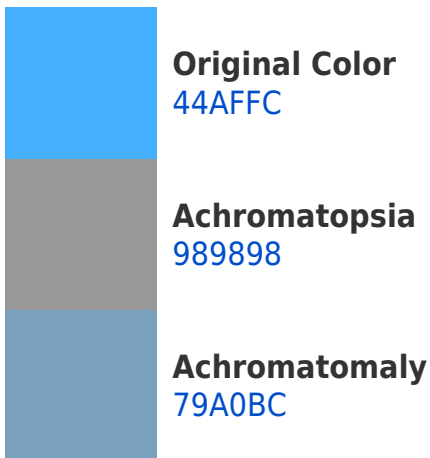


**Tritanopia**  
00B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44AFFC 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 #44AFFC looks like.

```
.text, #text, p{  
    color:#44AFFC  
}
```

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 #44AFFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AFFC
}
```

## Border

The CSS property to change the border of an element to Hex 44AFFC 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
#44AFFC }
```

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

```
.border{ border-color:#44AFFC }
```

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

Here you see how a box with a 4 pixel #44AFFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AFFC; -webkit-box-shadow:4px 4px  
4px 4px #44AFFC; box-shadow:4px 4px 4px  
4px #44AFFC }
```

# Background

The CSS property to change the background color of an element to Hex 44AFFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AFFC }
```

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

```
.background{ background-color:#44AFFC }
```

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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