

Converting Colors

Hex(45A0F3)

Have a look what the booklet for
Hex(45A0F3) contains.

Hex(45A0F3)	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(45A0F3)

Conversions

Conversions Part 1

Format	Color
Hex	45A0F3
RGB	69, 160, 243
RGB Percent	27%, 63%, 95%
CMY	0.7294, 0.3725, 0.0471
CMYK	0.72, 0.34, 0.00, 0.05
HSL	209°, 88%, 61%
HSV	209°, 72%, 95%
XYZ	31.2027, 32.8779, 89.4955
YIQ	142.2530, -80.8790, 6.5210

Conversions

Conversions Part 2

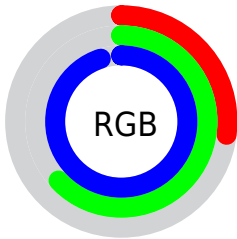
Format	Color
RYB	69, 129, 243
Decimal	4563187
CIELab	64.06, -0.17, -49.31
CIElCh	64, 49.308, 269.800
Yxy	32.8779, 0.2032, 0.2141
Android (android.graphics.Color)	4282753267 (0xFF45A0F3)
YUV	142.2530, 49.6683, -64.2429
Hunter-Lab	57.3392, -3.2080, -52.4028

Details

The Hex color **45A0F3** 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 **F39845**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **88D6FF**, and **006DBA** is the 20% darker color. If you saturate the color by 10%, you get **2D94F3**, and if you desaturate by 10%, it is **5DACF3**.

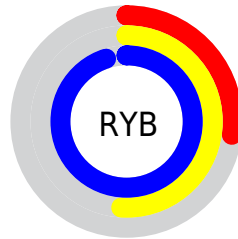
Distribution



Red (27%)

Green (63%)

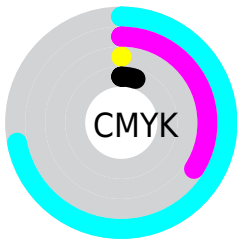
Blue (95%)



Red (27%)

Yellow (51%)

Blue (95%)

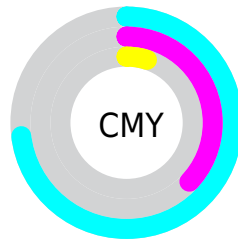


Cyan (72%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (37%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A0F3 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 45A0F3 by changing the saturation by 10% instead.

■ 45A0F3

FFFFFF

■ 88D6FF

■ A7F3FF

■ C6FFFF

■ E5FFFF

■ 45A0F3

■ 0F86D6

■ 006DBA

■ 00559F

■ 003E84

■ 00296B

■ 001552

■ 00063A

■ 000224

■ 00000B

■ 45A0F3

■ 45A0F3

■ 2D94F3

■ 5DACF3

■ 1489F3

■ 76B7F3

■ 007FF3

■ 8EC3F3

■ A6CEF3

■ BEDAF3

■ D7E6F3

■ EFF1F3

■ FFFDF3

■ FFFFF3

Harmonies

Analogous

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



00ABE6



45A0F3



9D90E8

Triad

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



45A0F3



EB7A72



4FAE6D

Complementary

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



45A0F3



F39845

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.



88A64B



45A0F3



D78950

Square

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



45A0F3



EB769D



B59940



00B19A

Rectangle

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



45A0F3



C384D4



B59940



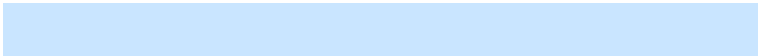
65AB60

Sweetspot

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



45A0F3



C9E5FF



45F396



607080



000000



808080

Same Dimension

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



45A0F3



2496FF



454BF3



6E757A



0061BA



001F3B

Inverse Universe

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



F345A0



FF2496



F3ED45



7A6E75



BA0061



3B001F

Previews

White Background



This preview shows how the Hex color 45A0F3 looks on a white background.

Color Contrast Check

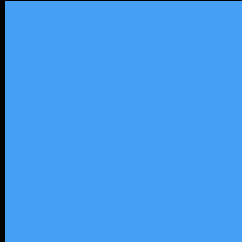
Large Text (above 18pt) WCAG AA × Fail

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 45A0F3 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

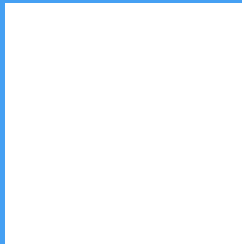
Any Text WCAG AAA ✓ Pass

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

Hex 45A0F3 Background



This preview shows how black text looks on a background with the Hex color 45A0F3.



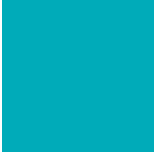
This preview shows how white text looks on a background with the Hex color 45A0F3.

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](#).

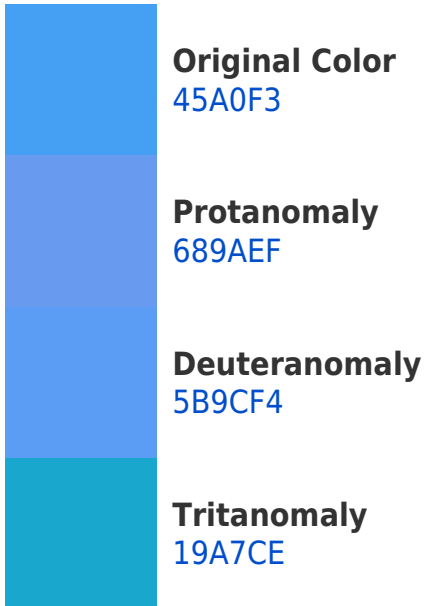
Dichromacy



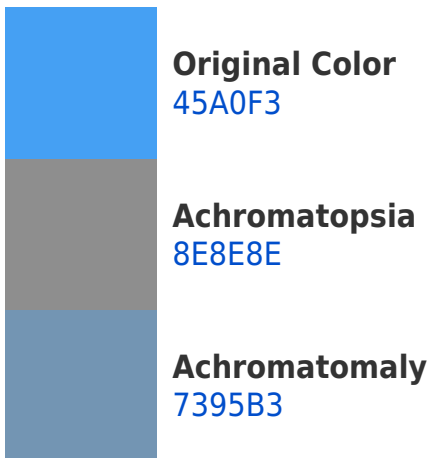


Tritanopia
00ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A0F3 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 #45A0F3 looks like.

```
.text, #text, p{  
    color:#45A0F3  
}
```

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 #45A0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A0F3
}
```

Border

The CSS property to change the border of an element to Hex 45A0F3 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
#45A0F3 }
```

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

```
.border{ border-color:#45A0F3 }
```

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

Here you see how a box with a 4 pixel #45A0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A0F3; -webkit-box-shadow:4px 4px  
4px 4px #45A0F3; box-shadow:4px 4px 4px  
4px #45A0F3 }
```

Background

The CSS property to change the background color of an element to Hex 45A0F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A0F3 }
```

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

```
.background{ background-color:#45A0F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor