

Converting Colors

Hex(44A6F5)

Have a look what the booklet for
Hex(44A6F5) contains.

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Color

Hex(44A6F5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 44A6F5 |
| RGB | 68, 166, 245 |
| RGB Percent | 27%, 65%, 96% |
| CMY | 0.7333, 0.3490, 0.0392 |
| CMYK | 0.72, 0.32, 0.00, 0.04 |
| HSL | 207°, 90%, 61% |
| HSV | 207°, 72%, 96% |
| XYZ | 32.5015, 35.0940, 91.4470 |
| YIQ | 145.7040, -83.7670, 3.7930 |

Conversions

Conversions Part 2

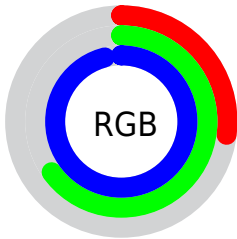
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 68, 131, 245 |
| Decimal | 4499189 |
| CIE Lab | 65.82, -3.04, -47.63 |
| CIE LCh | 66, 47.722, 266.352 |
| Yxy | 35.0940, 0.2044, 0.2207 |
| Android (android.graphics.Color) | 4282689269 (0xFF44A6F5) |
| YUV | 145.7040, 48.9529, -68.1464 |
| Hunter-Lab | 59.2401, -5.7379, -50.0558 |

Details

The Hex color **44A6F5** 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 **F59344**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **88DDFF**, and **0073BC** is the 20% darker color. If you saturate the color by 10%, you get **2C9BF5**, and if you desaturate by 10%, it is **5DB1F5**.

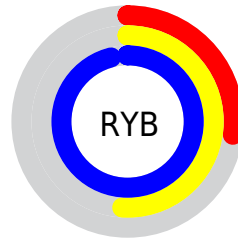
Distribution



Red (27%)

Green (65%)

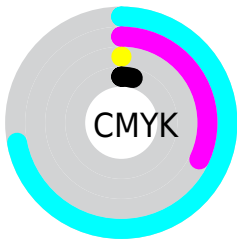
Blue (96%)



Red (27%)

Yellow (51%)

Blue (96%)

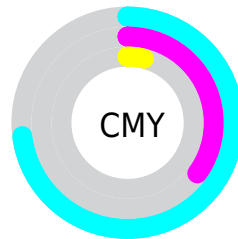


Cyan (72%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44A6F5 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 44A6F5 by changing the saturation by 10% instead.

 44A6F5

 44A6F5

FFFFFF

 098CD8

 88DDFF

 0073BC

 A7F9FF

 005AA1

 C6FFFF

 004386

 E5FFFF

 002E6D

 001A54

 00063C

 000225

 00010E

■ 44A6F5

■ 44A6F5

■ 2C9BF5

■ 5DB1F5

■ 1390F5

■ 75BCF5

■ 0088F5

■ 8EC7F5

■ A6D2F5

■ BFDDF5

■ D7E8F5

■ F0F3F5

■ FFFDF5

■ FFFFF5

Harmonies

Analogous

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



00B0E6



44A6F5



9B97ED

Triad

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



44A6F5



F07F7C



5FB16F

Complementary

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



44A6F5



F59344

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.



93A950



44A6F5



DE8C5A

Square

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



44A6F5



EC7CA7



BE9C48



00B599

Rectangle

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



44A6F5



C18CDB



BE9C48



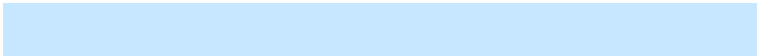
72AF63

Sweetspot

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



44A6F5



C7E6FF



44F591



5E7180



000000



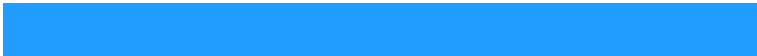
808080

Same Dimension

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



44A6F5



219CFF



4450F5



6E757A



0067BA



00203B

Inverse Universe

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



F544A6



FF219C



F5E944



7A6E75



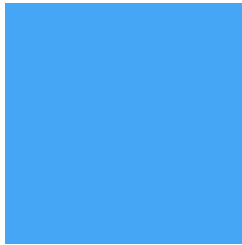
BA0067



3B0020

Previews

White Background



This preview shows how the Hex color 44A6F5 looks on a white background.

Color Contrast Check

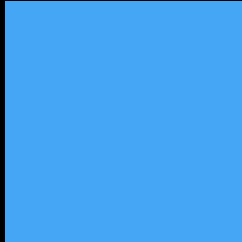
Large Text (above 18pt) WCAG AA × Fail

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 44A6F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

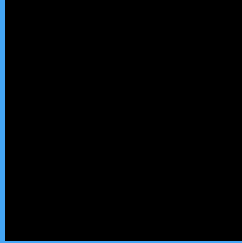
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

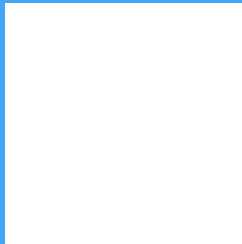
Any Text WCAG AAA ✓ Pass

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

Hex 44A6F5 Background



This preview shows how black text looks on a background with the Hex color 44A6F5.

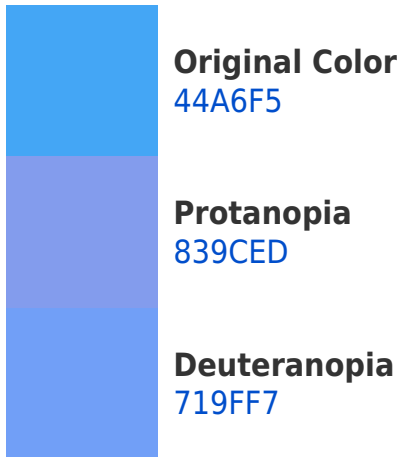


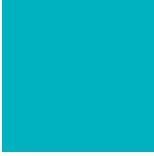
This preview shows how white text looks on a background with the Hex color 44A6F5.

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](#).

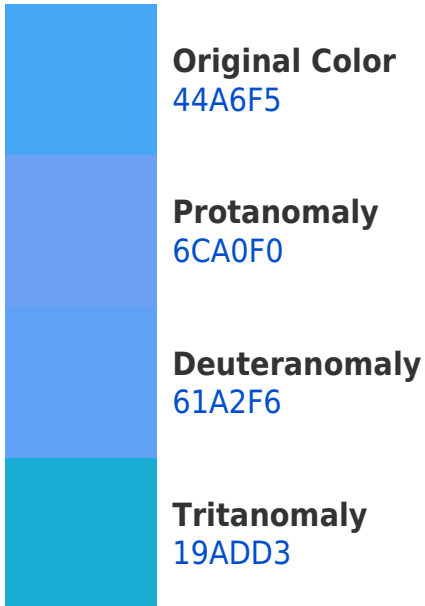
Dichromacy



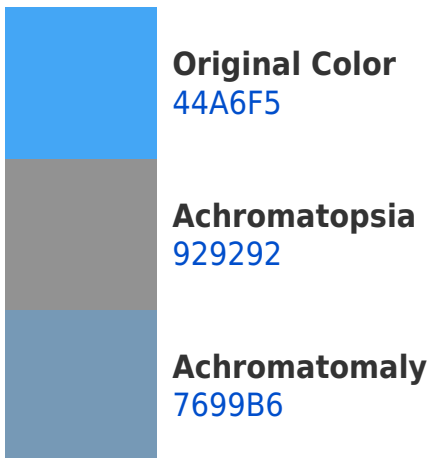


Tritanopia
00B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44A6F5 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 #44A6F5 looks like.

```
.text, #text, p{  
    color:#44A6F5  
}
```

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 #44A6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A6F5  
}
```

Border

The CSS property to change the border of an element to Hex 44A6F5 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  
#44A6F5 }
```

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

```
.border{ border-color:#44A6F5 }
```

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

Here you see how a box with a 4 pixel #44A6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A6F5; -webkit-box-shadow:4px 4px  
4px 4px #44A6F5; box-shadow:4px 4px 4px  
4px #44A6F5 }
```

Background

The CSS property to change the background color of an element to Hex 44A6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A6F5 }
```

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

```
.background{ background-color:#44A6F5 }
```

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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