

Converting Colors

Hex(468EFA)

Have a look what the booklet for
Hex(468EFA) contains.

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Color

Hex(468EFA)

Conversions

Conversions Part 1

Format	Color
Hex	468EFA
RGB	70, 142, 250
RGB Percent	27%, 56%, 98%
CMY	0.7255, 0.4431, 0.0196
CMYK	0.72, 0.43, 0.00, 0.02
HSL	216°, 95%, 63%
HSV	216°, 72%, 98%
XYZ	29.4541, 27.5502, 94.2078
YIQ	132.7840, -77.5800, 18.3240

Conversions

Conversions Part 2

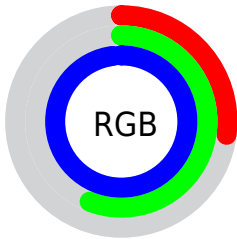
Format	Color
R _Y B	70, 121, 250
Decimal	4624122
CIE Lab	59.48, 13.01, -60.44
CIE LCh	59, 61.824, 282.147
Yxy	27.5502, 0.1948, 0.1822
Android (android.graphics.Color)	4282814202 (0xFF468EFA)
YUV	132.7840, 57.7875, -55.0616
Hunter-Lab	52.4883, 8.3117, -69.6739

Details

The Hex color **468EFA** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FAB246**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8AC3FF**, and **005DC1** is the 20% darker color. If you saturate the color by 10%, you get **2D7FFA**, and if you desaturate by 10%, it is **5F9DFA**.

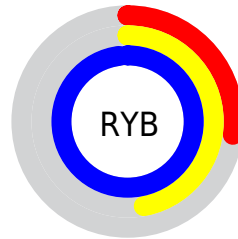
Distribution



Red (27%)

Green (56%)

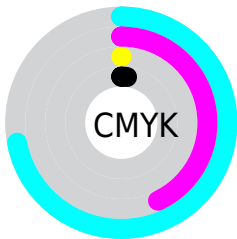
Blue (98%)



Red (27%)

Yellow (47%)

Blue (98%)

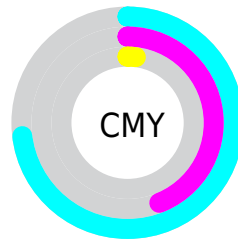


Cyan (72%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (73%)

Magenta (44%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468EFA 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 468EFA by changing the saturation by 10% instead.

 468EFA

 468EFA

FFFFFF

 0E75DD

 8AC3FF

 005DC1

 A9DFFF

 0046A5

 C8FBFF

 00318A


 E7FFFF

 001E70

 000457

 00063F

 000328

 000111

■ 468EFA

■ 468EFA

■ 2D7FFA

■ 5F9DFA

■ 1470FA

■ 78ACFA

■ 0064FA

■ 91BBFA

■ AACAFa

■ C3D9FA

■ DCE8FA

■ F5F7FA

■ FFFFFA

Harmonies

Analogous

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



009EF7



468EFA



AE77E0

Triad

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



468EFA



E66A48



00A76C

Complementary

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



468EFA



FAB246

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.



59A038



468EFA



C5811E

Square

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



468EFA



F15A7B



969411



00A9A4

Rectangle

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



468EFA



D467C3



969411



00A55A

Sweetspot

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



468EFA



C7DDFF



46FAB2



5E6C80



000000



808080

Same Dimension

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



468EFA



247BFF



5846FA



70757D



004BBD



00183D

Inverse Universe

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



FA468E



FF247B



E8FA46



7D7075



BD004B



3D0018

Previews

White Background



This preview shows how the Hex color 468EFA looks on a white background.

Color Contrast Check

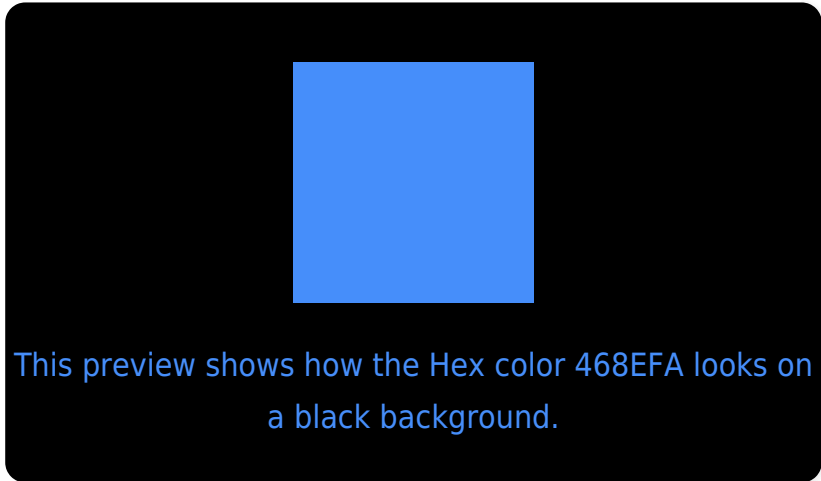
Large Text (above 18pt) WCAG AA ✓ Pass

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

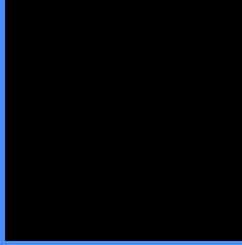
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

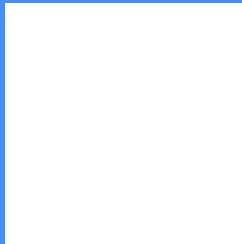
Any Text WCAG AAA × Fail

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

Hex 468EFA Background



This preview shows how black text looks on a background with the Hex color 468EFA.



This preview shows how white text looks on a background with the Hex color 468EFA.

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](#).

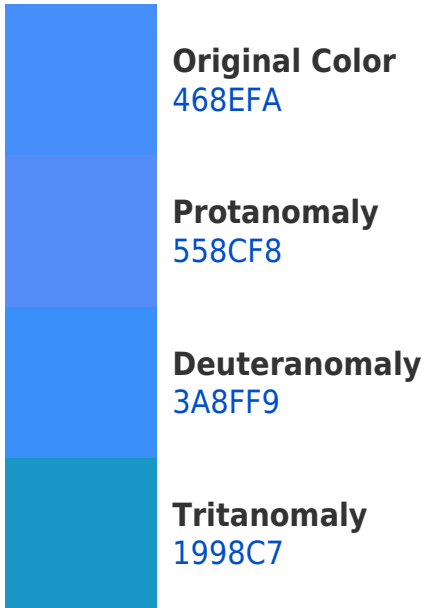
Dichromacy



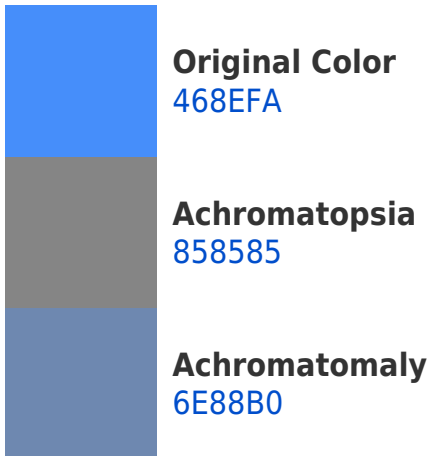


Tritanopia
009EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468EFA 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 #468EFA looks like.

```
.text, #text, p{  
    color:#468EFA  
}
```

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 #468EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468EFA
}
```

Border

The CSS property to change the border of an element to Hex 468EFA 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
#468EFA }
```

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

```
.border{ border-color:#468EFA }
```

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

Here you see how a box with a 4 pixel #468EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468EFA; -webkit-box-shadow:4px 4px  
4px 4px #468EFA; box-shadow:4px 4px 4px  
4px #468EFA }
```

Background

The CSS property to change the background color of an element to Hex 468EFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468EFA }
```

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

```
.background{ background-color:#468EFA }
```

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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