

Converting Colors

Hex(468EE8)

Have a look what the booklet for
Hex(468EE8) contains.

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Color

Hex(468EE8)

Conversions

Conversions Part 1

Format	Color
Hex	468EE8
RGB	70, 142, 232
RGB Percent	27%, 56%, 91%
CMY	0.7255, 0.4431, 0.0902
CMYK	0.70, 0.39, 0.00, 0.09
HSL	213°, 78%, 59%
HSV	213°, 70%, 91%
XYZ	26.7643, 26.4743, 80.0434
YIQ	130.7320, -71.8020, 12.7260

Conversions

Conversions Part 2

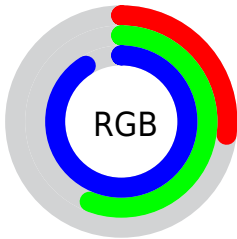
Format	Color
R_{YB}	70, 120, 232
Decimal	4624104
CIE _{Lab}	58.48, 6.67, -52.08
CIE _{LCh}	58, 52.507, 277.299
Yxy	26.4743, 0.2008, 0.1986
Android (android.graphics.Color)	4282814184 (0xFF468EE8)
YUV	130.7320, 49.9251, -53.2620
Hunter-Lab	51.4532, 2.8069, -56.2175

Details

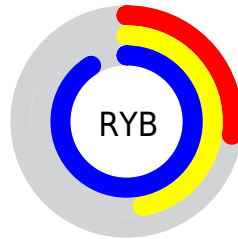
The Hex color **468EE8** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **E8A046**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **87C3FF**, and **005CB0** is the 20% darker color. If you saturate the color by 10%, you get **2F81E8**, and if you desaturate by 10%, it is **5D9BE8**.

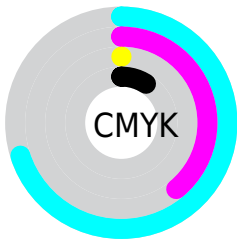
Distribution



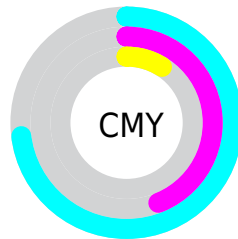
- Red (27%)
- Green (56%)
- Blue (91%)



- Red (27%)
- Yellow (47%)
- Blue (91%)



- Cyan (70%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (73%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468EE8 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 468EE8 by changing the saturation by 10% instead.

 468EE8

 468EE8

FFFFFF

 1775CC

 87C3FF

 005CB0

 A6DFFF

 004595

 C4FCFF

 00307A

 E2FFFF

 001D61

 000849

 000431

 00011B

 000000

 468EE8

 468EE8

 2F81E8

 5D9BE8

 1874E8

 74A8E8

 0067E8

 8CB5E8

 A3C2E8

 BACEE8

 D1DBE8

 E8E8E8

 FFF5E8

 FFFF E8

Harmonies

Analogous

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



009BE1



468EE8



9E7CD6

Triad

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



468EE8



DB6C57



13A167

Complementary

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



468EE8



E8A046

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.



6A9A3F



468EE8



C27D36

Square

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



468EE8



E16383



9B8E2A



00A397

Rectangle

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



468EE8



C16FBF



9B8E2A



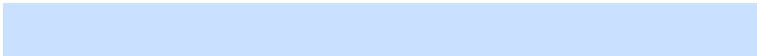
3E9F59

Sweetspot

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



468EE8



C9E1FF



46E89F



606E80



000000



808080

Same Dimension

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



468EE8



2988FF



4E46E8



676C73



004FB3



001733

Inverse Universe

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



E8468E



FF2988



E0E846



73676C



B3004F



330017

Previews

White Background



This preview shows how the Hex color 468EE8 looks on a white background.

Color Contrast Check

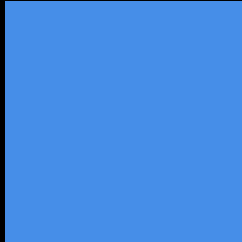
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 468EE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

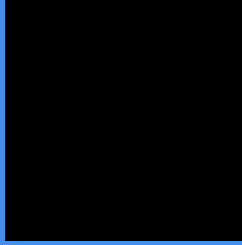
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

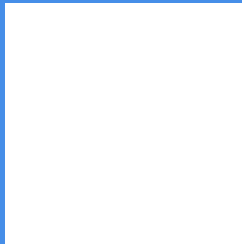
Any Text WCAG AAA × Fail

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

Hex 468EE8 Background



This preview shows how black text looks on a background with the Hex color 468EE8.



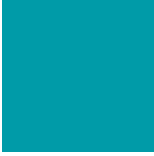
This preview shows how white text looks on a background with the Hex color 468EE8.

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](#).

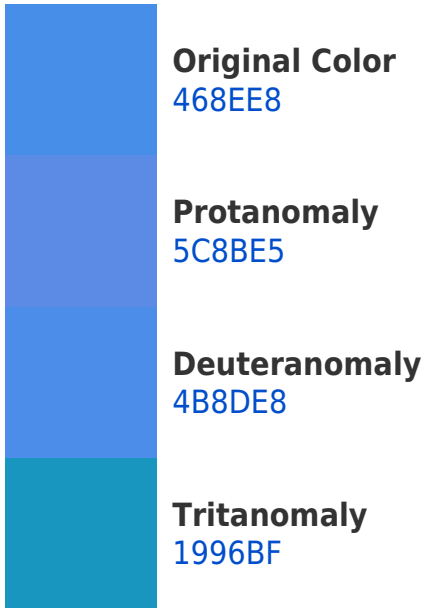
Dichromacy



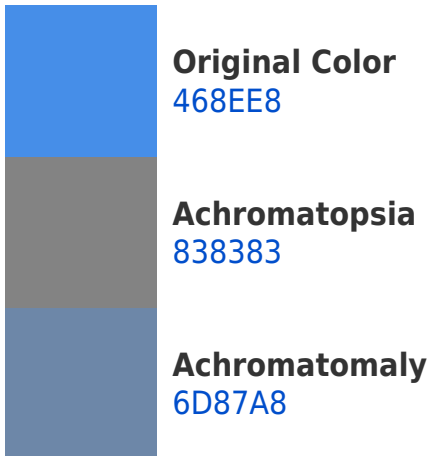


Tritanopia
009BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468EE8 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 #468EE8 looks like.

```
.text, #text, p{  
    color:#468EE8  
}
```

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 #468EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468EE8  
}
```

Border

The CSS property to change the border of an element to Hex 468EE8 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  
#468EE8 }
```

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

```
.border{ border-color:#468EE8 }
```

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

Here you see how a box with a 4 pixel #468EE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468EE8; -webkit-box-shadow:4px 4px  
4px 4px #468EE8; box-shadow:4px 4px 4px  
4px #468EE8 }
```

Background

The CSS property to change the background color of an element to Hex 468EE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468EE8 }
```

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

```
.background{ background-color:#468EE8 }
```

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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