

Converting Colors

Hex(418AE8)

Have a look what the booklet for
Hex(418AE8) contains.

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Color

Hex(418AE8)

Conversions

Conversions Part 1

Format	Color
Hex	418AE8
RGB	65, 138, 232
RGB Percent	25%, 54%, 91%
CMY	0.7451, 0.4588, 0.0902
CMYK	0.72, 0.41, 0.00, 0.09
HSL	214°, 78%, 58%
HSV	214°, 72%, 91%
XYZ	25.8339, 25.1270, 79.8323
YIQ	126.8890, -73.6820, 13.7580

Conversions

Conversions Part 2

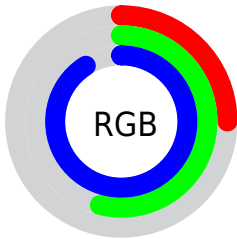
Format	Color
R _{YB}	65, 116, 232
Decimal	4295400
CIE Lab	57.20, 8.37, -54.14
CIE LCh	57, 54.783, 278.788
Yxy	25.1270, 0.1975, 0.1921
Android (android.graphics.Color)	4282485480 (0xFF418AE8)
YUV	126.8890, 51.8197, -54.2767
Hunter-Lab	50.1268, 4.2719, -59.3369

Details

The Hex color **418AE8** 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 **E89F41**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **84BFFF**, and **0059B0** is the 20% darker color. If you saturate the color by 10%, you get **2A7DE8**, and if you desaturate by 10%, it is **5897E8**.

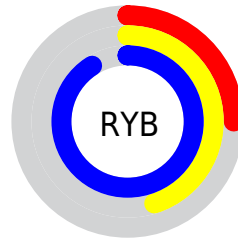
Distribution



Red (25%)

Green (54%)

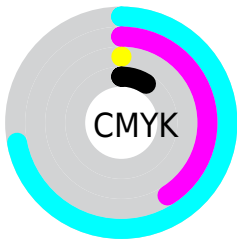
Blue (91%)



Red (25%)

Yellow (45%)

Blue (91%)

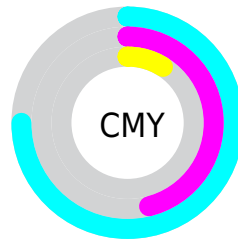


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (75%)

Magenta (46%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418AE8 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 418AE8 by changing the saturation by 10% instead.

 418AE8

 418AE8


FFFFFF

 0871CC

 84BFFF

 0059B0

 A2DBFF

 004295

 C1F7FF

 002D7A

 DFFFFF

 001A61

FEFFFF

 000848

 000431

 00011B

 000000

■ 418AE8

■ 418AE8

■ 2A7DE8

■ 5897E8

■ 1370E8

■ 6FA4E8

■ 0065E8

■ 87B1E8

■ 9EBEE8

■ B5CBE8

■ CCD8E8

■ E3E5E8

■ FBF2E8

■ FFFFE8

Harmonies

Analogous

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



0098E2



418AE8



9E77D4

Triad

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



418AE8



D96850



009E65

Complementary

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



418AE8



E89F41

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.



62973A



418AE8



BE7A2D

Square

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



418AE8



E05D7D



958B21



00A096

Rectangle

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



418AE8



C169BC



958B21



2F9C55

Sweetspot

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



418AE8



C7DFFF



41E89D



5E6D80



000000



808080

Same Dimension

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



418AE8



2484FF



4941E8



676C73



004EB3



001633

Inverse Universe

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



E8418A



FF2484



E0E841



73676C



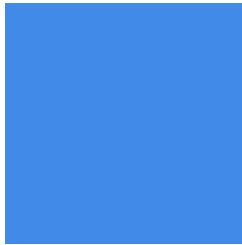
B3004E



330016

Previews

White Background



This preview shows how the Hex color 418AE8 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 418AE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

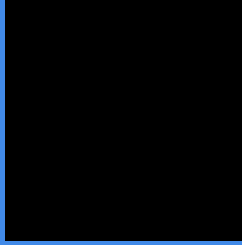
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

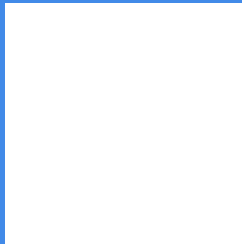
Any Text WCAG AAA × Fail

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

Hex 418AE8 Background



This preview shows how black text looks on a background with the Hex color 418AE8.

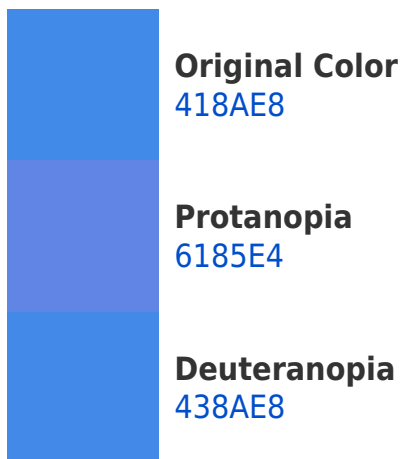


This preview shows how white text looks on a background with the Hex color 418AE8.

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](#).

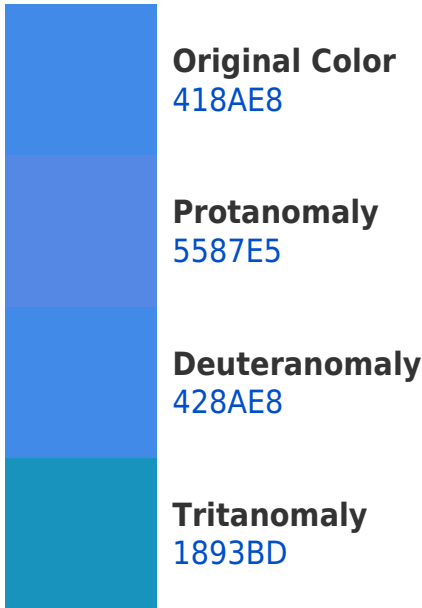
Dichromacy



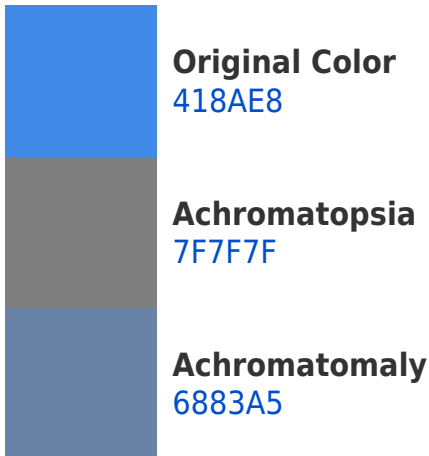


Tritanopia
0098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418AE8 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 #418AE8 looks like.

```
.text, #text, p{  
    color:#418AE8  
}
```

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 #418AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418AE8
}
```

Border

The CSS property to change the border of an element to Hex 418AE8 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
#418AE8 }
```

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

```
.border{ border-color:#418AE8 }
```

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

Here you see how a box with a 4 pixel #418AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418AE8; -webkit-box-shadow:4px 4px  
4px 4px #418AE8; box-shadow:4px 4px 4px  
4px #418AE8 }
```

Background

The CSS property to change the background color of an element to Hex 418AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418AE8 }
```

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

```
.background{ background-color:#418AE8 }
```

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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