

Converting Colors

Hex(419EB8)

Have a look what the booklet for
Hex(419EB8) contains.

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Color

Hex(419EB8)

Conversions

Conversions Part 1

Format	Color
Hex	419EB8
RGB	65, 158, 184
RGB Percent	25%, 62%, 72%
CMY	0.7451, 0.3804, 0.2784
CMYK	0.65, 0.14, 0.00, 0.28
HSL	193°, 48%, 49%
HSV	193°, 65%, 72%
XYZ	23.0586, 29.0382, 49.7370
YIQ	133.1570, -63.7740, -11.6300

Conversions

Conversions Part 2

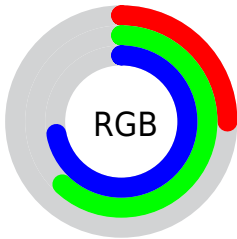
Format	Color
R _Y B	65, 117, 184
Decimal	4300472
CIE Lab	60.82, -19.26, -21.59
CIE LCh	61, 28.931, 228.265
Yxy	29.0382, 0.2264, 0.2852
Android (android.graphics.Color)	4282490552 (0xFF419EB8)
YUV	133.1570, 25.0656, -59.7737
Hunter-Lab	53.8871, -17.9215, -17.0028

Details

The Hex color **419EB8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B85B41**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7DD5F0**, and **006A83** is the 20% darker color. If you saturate the color by 10%, you get **2F9AB8**, and if you desaturate by 10%, it is **53A2B8**.

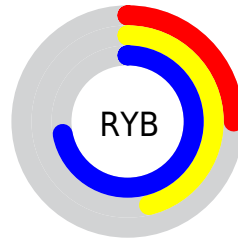
Distribution



Red (25%)

Green (62%)

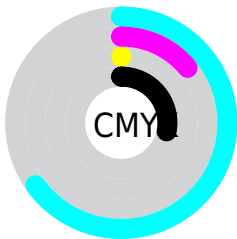
Blue (72%)



Red (25%)

Yellow (46%)

Blue (72%)

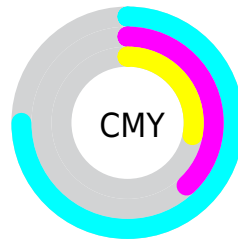


Cyan (65%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (75%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419EB8 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 419EB8 by changing the saturation by 10% instead.

■ 419EB8

■ 419EB8

FFFFFF

■ 1B849D

■ 7DD5F0

■ 006A83

■ 9AF1FF

■ 00526A

■ B7FFFF

■ 003B51

■ D5FFFF

■ 00253A

■ F3FFFF

■ 000825

■ 00010E

■ 000000

■ 419EB8

■ 419EB8

■ 2F9AB8

■ 53A2B8

■ 1C96B8

■ 66A6B8

■ 0A92B8

■ 78AAB8

■ 0090B8

■ 8BAEB8

■ 9DB2B8

■ AFB6B8

■ C2BAB8

■ D4BEB8

■ E7C2B8

Harmonies

Analogous

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



40A1A2



419EB8



6198C4

Triad

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



419EB8



BF809E



949662

Complementary

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



419EB8



B85B41

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.



AD8E61



419EB8



C68084

Square

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



419EB8



A987B5



BF856E



779C70

Rectangle

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



419EB8



7B93C5



BF856E



9D9360

Sweetspot

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



419EB8



C2E6F0



41B85B



5C7278



F7F7F7



787878

Same Dimension

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



419EB8



35C7F0



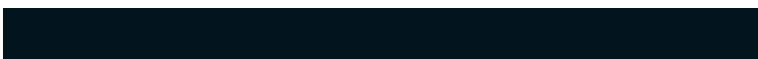
4163B8



535A5C



007A9C



00161C

Inverse Universe

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



B8419E



F035C7



B89641



5C535A



9C007A



1C0016

Previews

White Background



This preview shows how the Hex color 419EB8 looks on a white background.

Color Contrast Check

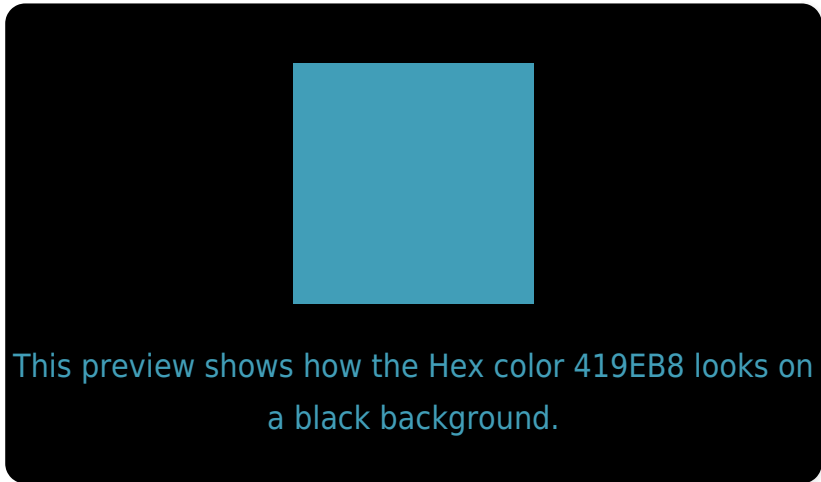
Large Text (above 18pt) WCAG AA ✓ Pass

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

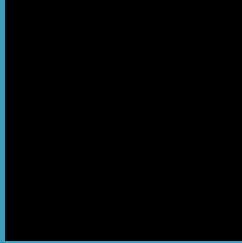
Any Text WCAG AA ✓ Pass

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 419EB8 Background



This preview shows how black text looks on a background with the Hex color 419EB8.

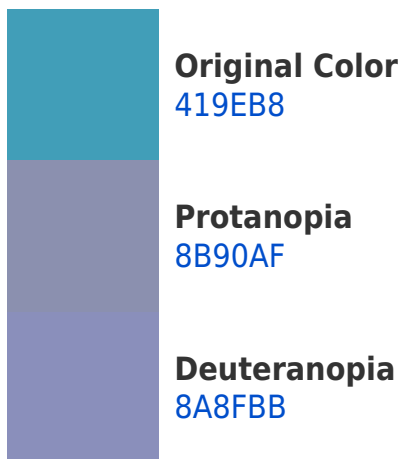


This preview shows how white text looks on a background with the Hex color 419EB8.

Color Blindness Simulation

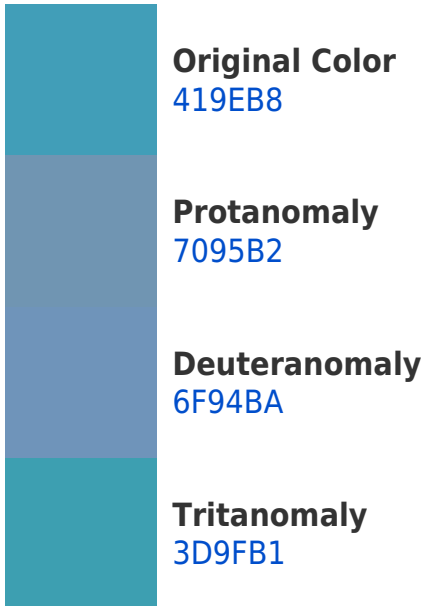
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419EB8 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 #419EB8 looks like.

```
.text, #text, p{  
    color:#419EB8  
}
```

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 #419EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419EB8  
}
```

Border

The CSS property to change the border of an element to Hex 419EB8 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  
#419EB8 }
```

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

```
.border{ border-color:#419EB8 }
```

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

Here you see how a box with a 4 pixel #419EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419EB8; -webkit-box-shadow:4px 4px  
4px 4px #419EB8; box-shadow:4px 4px 4px  
4px #419EB8 }
```

Background

The CSS property to change the background color of an element to Hex 419EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419EB8 }
```

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

```
.background{ background-color:#419EB8 }
```

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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