

Converting Colors

Hex(419EC7)

Have a look what the booklet for
Hex(419EC7) contains.

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Color

Hex(419EC7)

Conversions

Conversions Part 1

Format	Color
Hex	419EC7
RGB	65, 158, 199
RGB Percent	25%, 62%, 78%
CMY	0.7451, 0.3804, 0.2196
CMYK	0.67, 0.21, 0.00, 0.22
HSL	198°, 54%, 52%
HSV	198°, 67%, 78%
XYZ	24.7156, 29.7011, 58.4631
YIQ	134.8670, -68.5890, -6.9650

Conversions

Conversions Part 2

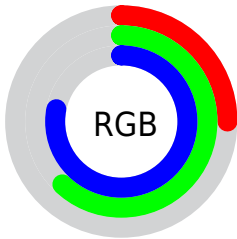
Format	Color
RYB	65, 120, 199
Decimal	4300487
CIELab	61.40, -14.46, -29.12
CIElCh	61, 32.509, 243.588
Yxy	29.7011, 0.2190, 0.2631
Android (android.graphics.Color)	4282490567 (0xFF419EC7)
YUV	134.8670, 31.6176, -61.2734
Hunter-Lab	54.4987, -14.4213, -25.4538

Details

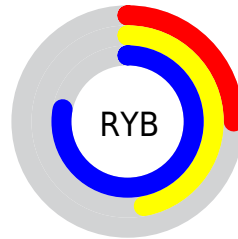
The Hex color **419EC7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C76A41**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7FD5FF**, and **006B91** is the 20% darker color. If you saturate the color by 10%, you get **2D98C7**, and if you desaturate by 10%, it is **55A4C7**.

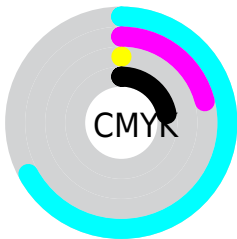
Distribution



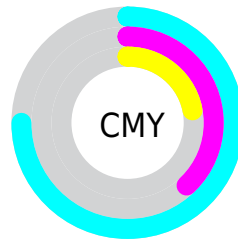
- Red (25%)
- Green (62%)
- Blue (78%)



- Red (25%)
- Yellow (47%)
- Blue (78%)



- Cyan (67%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (75%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419EC7 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 419EC7 by changing the saturation by 10% instead.

■ 419EC7

■ 419EC7

FFFFFF

■ 1784AC

■ 7FD5FF

■ 006B91

■ 9CF1FF

■ 005277

■ BAFFFF

■ 003B5E

■ D8FFFF

■ 002646

■ F6FFFF

■ 000D30

■ 00011A

■ 000000

■ 419EC7

■ 419EC7

■ 2D98C7

■ 55A4C7

■ 1992C7

■ 69AAC7

■ 058CC7

■ 7DB0C7

■ 008AC7

■ 91B6C7

■ A5BCC7

■ B8C3C7

■ CCC9C7

■ E0CFC7

■ F4D5C7

Harmonies

Analogous

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



24A3B3



419EC7



7196CD

Triad

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



419EC7



CB7E92



869C63

Complementary

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



419EC7



C76A41

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.



A4945A



419EC7



CB8176

Square

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



419EC7



BB82AE



BC8A61



63A17A

Rectangle

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



419EC7



8F8FC9



BC8A61



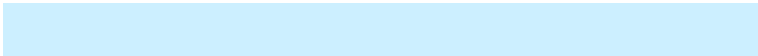
90995F

Sweetspot

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



419EC7



CCEFFF



41C769



617680



000000



808080

Same Dimension

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



419EC7



30C0FF



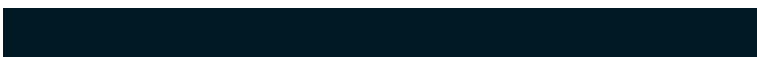
415CC7



5A6063



0071A3



001924

Inverse Universe

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



C7419E



FF30C0



C7AC41



635A60



A30071



240019

Previews

White Background



This preview shows how the Hex color 419EC7 looks on a white background.

Color Contrast Check

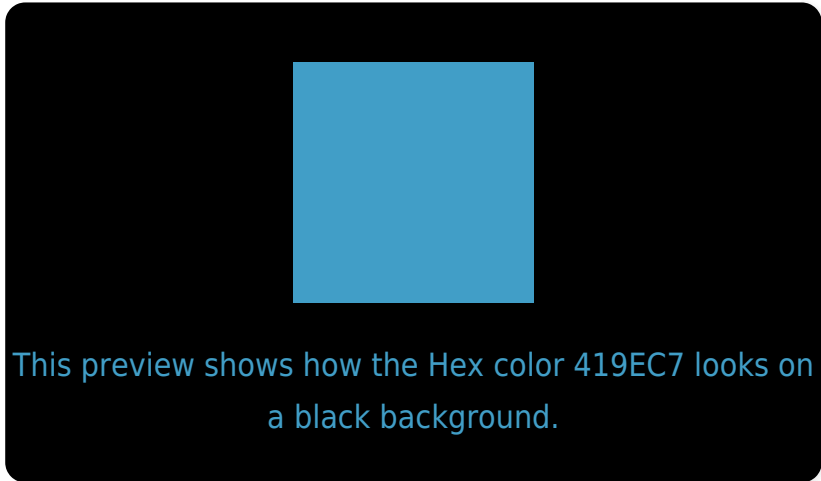
Large Text (above 18pt) WCAG AA ✓ Pass

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 419EC7 Background



This preview shows how black text looks on a background with the Hex color 419EC7.

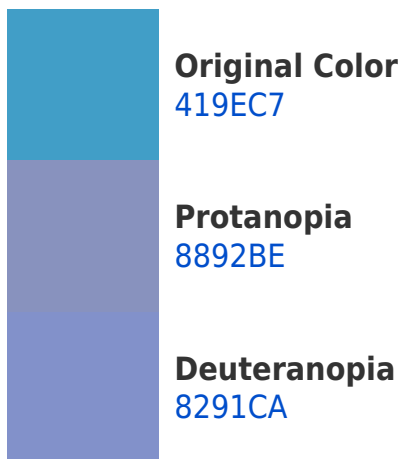


This preview shows how white text looks on a background with the Hex color 419EC7.

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](#).

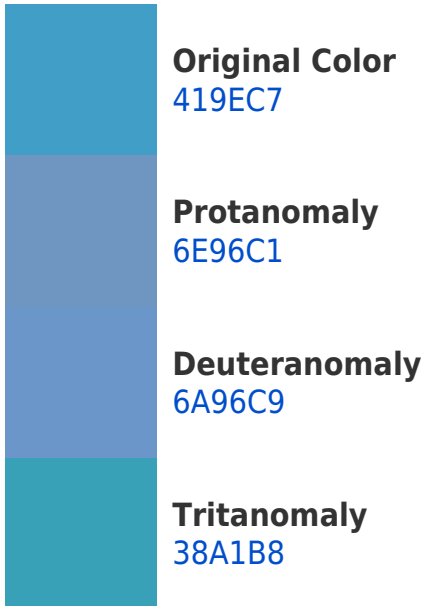
Dichromacy





Tritanopia
33A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419EC7 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 #419EC7 looks like.

```
.text, #text, p{  
    color:#419EC7  
}
```

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 #419EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419EC7
}
```

Border

The CSS property to change the border of an element to Hex 419EC7 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
#419EC7 }
```

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

```
.border{ border-color:#419EC7 }
```

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

Here you see how a box with a 4 pixel #419EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419EC7; -webkit-box-shadow:4px 4px  
4px 4px #419EC7; box-shadow:4px 4px 4px  
4px #419EC7 }
```

Background

The CSS property to change the background color of an element to Hex 419EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419EC7 }
```

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

```
.background{ background-color:#419EC7 }
```

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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