

Converting Colors

Hex(519ECF)

Have a look what the booklet for
Hex(519ECF) contains.

Hex(519ECF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(519ECF)

Conversions

Conversions Part 1

Format	Color
Hex	519ECF
RGB	81, 158, 207
RGB Percent	32%, 62%, 81%
CMY	0.6824, 0.3804, 0.1882
CMYK	0.61, 0.24, 0.00, 0.19
HSL	203°, 57%, 56%
HSV	203°, 61%, 81%
XYZ	26.8827, 30.7080, 63.5419
YIQ	140.5630, -61.6210, -1.0850

Conversions

Conversions Part 2

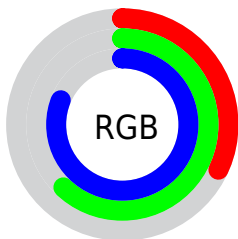
Format	Color
R _Y B	81, 129, 207
Decimal	5349071
CIE Lab	62.26, -9.12, -32.20
CIE LCh	62, 33.469, 254.184
Yxy	30.7080, 0.2219, 0.2535
Android (android.graphics.Color)	4283539151 (0xFF519ECF)
YUV	140.5630, 32.7534, -52.2368
Hunter-Lab	55.4148, -10.3826, -29.1950

Details

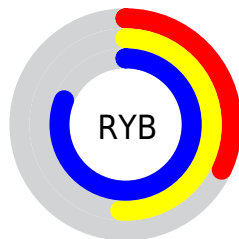
The Hex color **519ECF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CF8251**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8CD5FF**, and **006B98** is the 20% darker color. If you saturate the color by 10%, you get **3C96CF**, and if you desaturate by 10%, it is **66A6CF**.

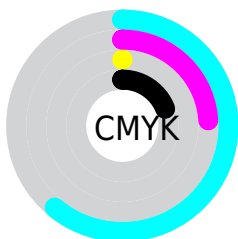
Distribution



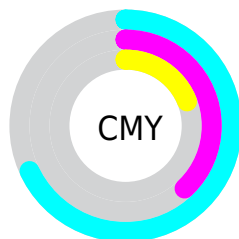
- Red (32%)
- Green (62%)
- Blue (81%)



- Red (32%)
- Yellow (51%)
- Blue (81%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (68%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519ECF 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 519ECF by changing the saturation by 10% instead.

■ 519ECF

■ 519ECF

FFFFFF

■ 3084B3

■ 8CD5FF

■ 006B98

■ A9F1FF

■ 00537E

■ C7FFFF

■ 003C65

■ E4FFFF

■ 00264D

■ 001236

■ 000220

■ 000004

■ 000000

■ 519ECF

■ 519ECF

■ 3C96CF

■ 66A6CF

■ 288ECF

■ 7AAECF

■ 1386CF

■ 8FB6CF

■ 007ECF

■ A4BECF

■ B9C6CF

■ CDCECF

■ E2D6CF

■ F7DECF

■ FFE6CF

Harmonies

Analogous

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



23A4BF



519ECF



8395D0

Triad

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



519ECF



D18089



7BA16B

Complementary

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



519ECF



CF8251

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.



9C995C



519ECF



CB856E

Square

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



519ECF



C781A7



B88F5E



56A585

Rectangle

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



519ECF



A08DC8



B88F5E



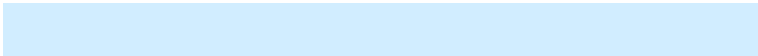
879F64

Sweetspot

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



519ECF



D1EDFF



51CF81



637580



000000



808080

Same Dimension

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



519ECF



45B7FF



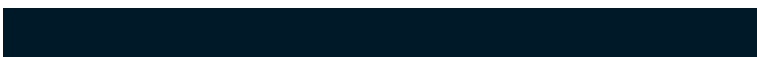
5160CF



5E6469



0067A8



001929

Inverse Universe

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



CF519E



FF45B7



CFC051



695E64



A80067



290019

Previews

White Background



This preview shows how the Hex color 519ECF looks on a white background.

Color Contrast Check

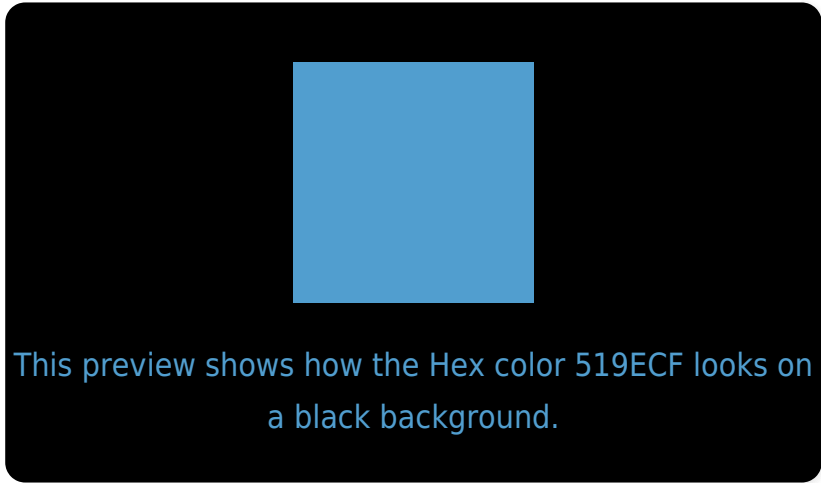
Large Text (above 18pt) WCAG AA × Fail

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

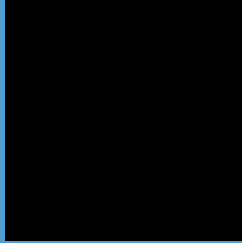
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

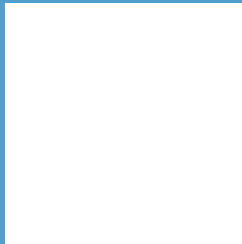
Any Text WCAG AAA ✓ Pass

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

Hex 519ECF Background



This preview shows how black text looks on a background with the Hex color 519ECF.

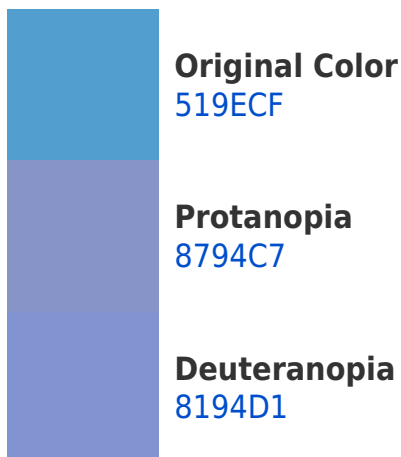


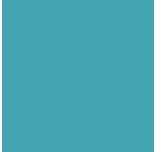
This preview shows how white text looks on a background with the Hex color 519ECF.

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](#).

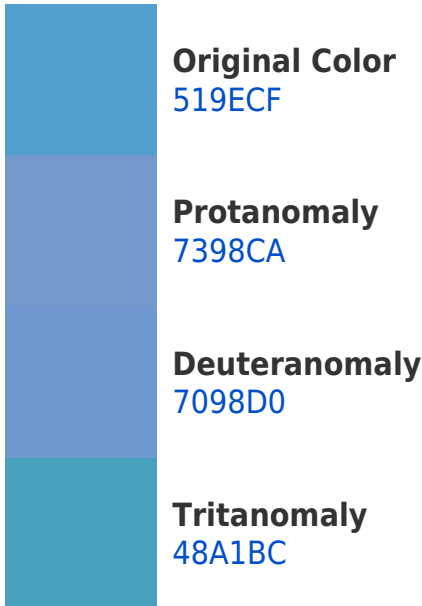
Dichromacy



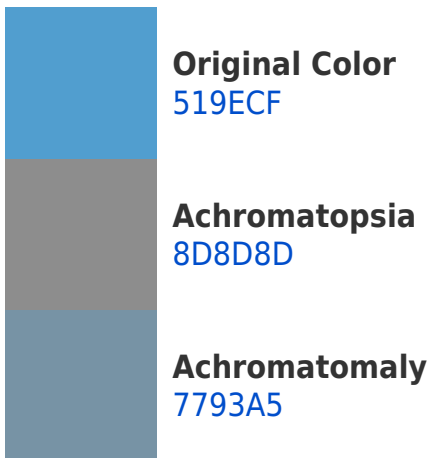


Tritanopia
43A3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 519ECF 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 #519ECF looks like.

```
.text, #text, p{  
    color:#519ECF  
}
```

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 #519ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519ECF
}
```

Border

The CSS property to change the border of an element to Hex 519ECF 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
#519ECF }
```

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

```
.border{ border-color:#519ECF }
```

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

Here you see how a box with a 4 pixel #519ECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519ECF; -webkit-box-shadow:4px 4px  
4px 4px #519ECF; box-shadow:4px 4px 4px  
4px #519ECF }
```

Background

The CSS property to change the background color of an element to Hex 519ECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519ECF }
```

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

```
.background{ background-color:#519ECF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor