

Converting Colors

Hex(519CDC)

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

Hex(519CDC)	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(519CDC)

Conversions

Conversions Part 1

Format	Color
Hex	519CDC
RGB	81, 156, 220
RGB Percent	32%, 61%, 86%
CMY	0.6824, 0.3882, 0.1373
CMYK	0.63, 0.29, 0.00, 0.14
HSL	208°, 67%, 59%
HSV	208°, 63%, 86%
XYZ	28.2001, 30.6936, 72.1483
YIQ	140.8710, -65.2440, 4.0040

Conversions

Conversions Part 2

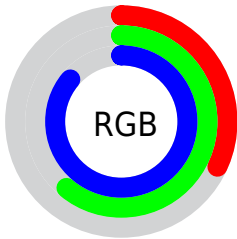
Format	Color
R_{YB}	81, 130, 220
Decimal	5348572
CIE _{Lab}	62.25, -3.79, -39.45
CIE _{LCh}	62, 39.633, 264.508
Yxy	30.6936, 0.2152, 0.2342
Android (android.graphics.Color)	4283538652 (0xFF519CDC)
YUV	140.8710, 39.0106, -52.5069
Hunter-Lab	55.4018, -6.0948, -38.4306

Details

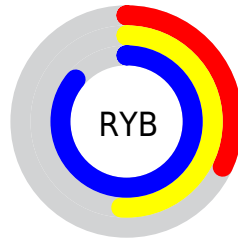
The Hex color **519CDC** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DC9151**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8ED2FF**, and **0069A5** is the 20% darker color. If you saturate the color by 10%, you get **3B92DC**, and if you desaturate by 10%, it is **67A6DC**.

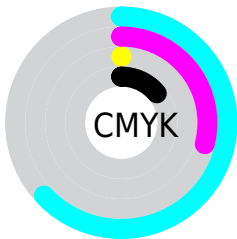
Distribution



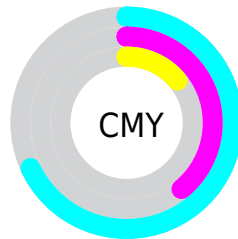
- Red (32%)
- Green (61%)
- Blue (86%)



- Red (32%)
- Yellow (51%)
- Blue (86%)



- Cyan (63%)
- Magenta (29%)
- Yellow (0%)
- Black (14%)



- Cyan (68%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients

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

■ 519CDC

■ 519CDC

FFFFFF

■ 2E82C0

■ 8ED2FF

■ 0069A5

■ ABEFFF

■ 00518A

■ C9FFFF

■ 003B70

■ E7FFFF

■ 002557

■ 001040

■ 000329

■ 000113

■ 000000

■ 519CDC

■ 519CDC

■ 3B92DC

■ 67A6DC

■ 2588DC

■ 7DB0DC

■ 0F7EDC

■ 93BADC

■ 0077DC

■ A9C5DC

■ BFCFDC

■ D5D9DC

■ EBE3DC

■ FFEDDC

■ FFF7DC

Harmonies

Analogous

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



00A4CF



519CDC



9090D6

Triad

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



519CDC



DA7C7B



66A56C

Complementary

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



519CDC



DC9151

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.



8F9D55



519CDC



CD865E

Square

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



519CDC



D57B9E



B29250



2DA88F

Rectangle

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



519CDC



B087C9



B29250



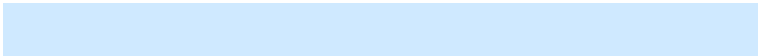
75A363

Sweetspot

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



519CDC



CFE9FF



51DC90



627280



000000



808080

Same Dimension

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



519CDC



3DA6FF



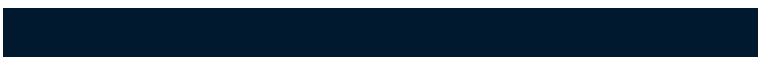
5158DC



63696E



005EAD



00192E

Inverse Universe

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



DC519C



FF3DA6



DCD551



6E6369



AD005E



2E0019

Previews

White Background



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

Color Contrast Check

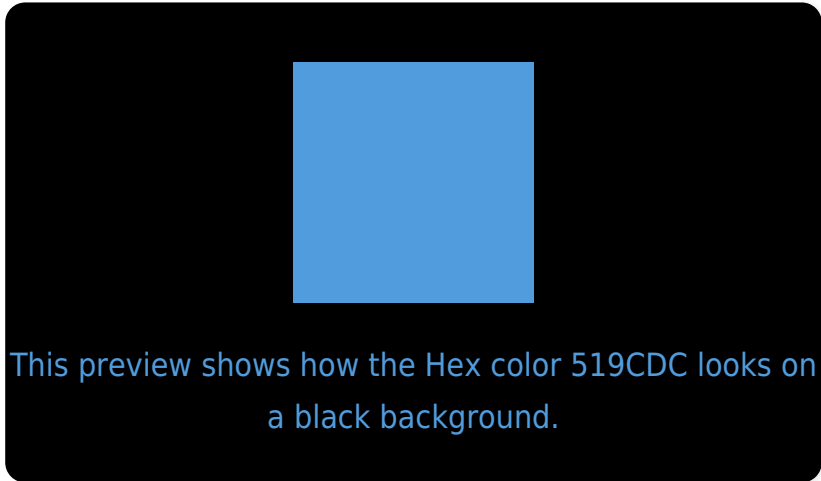
Large Text (above 18pt) WCAG AA × Fail

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 519CDC Background



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

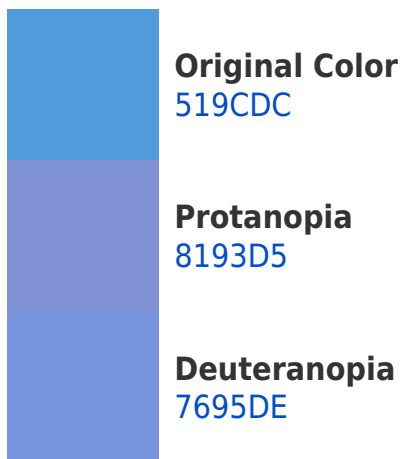


This preview shows how white text looks on a background with the Hex color 519CDC.

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](#).

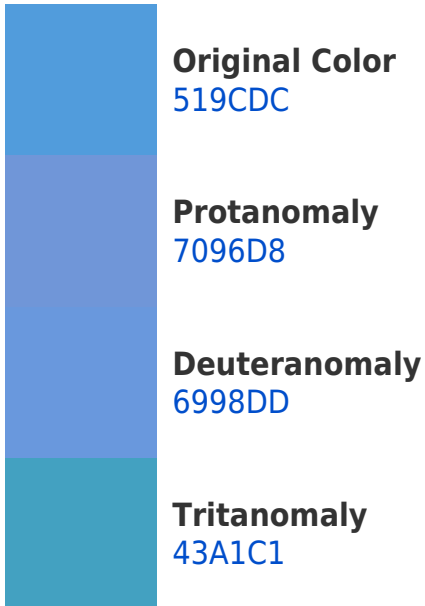
Dichromacy



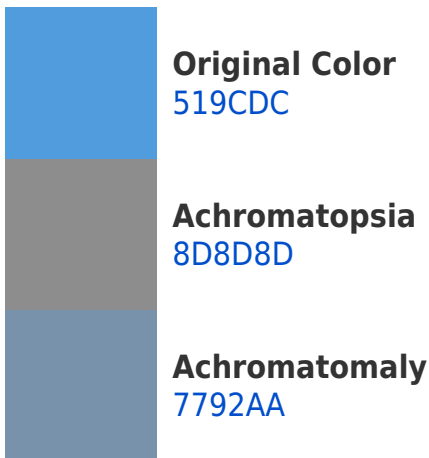


Tritanopia
3BA4B1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #519CDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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