

Converting Colors

Hex(319DCE)

Have a look what the booklet for
Hex(319DCE) contains.

Hex(319DCE)	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(319DCE)

Conversions

Conversions Part 1

Format	Color
Hex	319DCE
RGB	49, 157, 206
RGB Percent	19%, 62%, 81%
CMY	0.8078, 0.3843, 0.1922
CMYK	0.76, 0.24, 0.00, 0.19
HSL	199°, 62%, 50%
HSV	199°, 76%, 81%
XYZ	24.4642, 29.2231, 62.7438
YIQ	130.2940, -80.0970, -7.6570

Conversions

Conversions Part 2

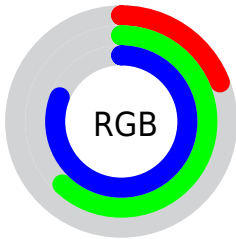
Format	Color
R_{YB}	49, 113, 206
Decimal	3251662
CIE _{Lab}	60.98, -13.75, -33.71
CIE _{LCh}	61, 36.406, 247.813
Yxy	29.2231, 0.2101, 0.2510
Android (android.graphics.Color)	4281441742 (0xFF319DCE)
YUV	130.2940, 37.3231, -71.2948
Hunter-Lab	54.0584, -13.8220, -30.9749

Details

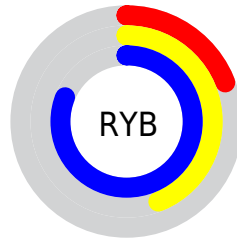
The Hex color **319DCE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CE6231**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **75D4FF**, and **006A97** is the 20% darker color. If you saturate the color by 10%, you get **1C97CE**, and if you desaturate by 10%, it is **46A3CE**.

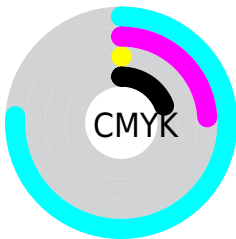
Distribution



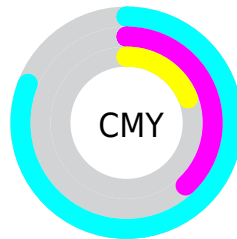
- Red (19%)
- Green (62%)
- Blue (81%)



- Red (19%)
- Yellow (44%)
- Blue (81%)



- Cyan (76%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)




- Cyan (81%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319DCE 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 319DCE by changing the saturation by 10% instead.

 319DCE

 319DCE

FFFFFF

 0083B2

 75D4FF

 006A97

 94F0FF

 00527D

 B2FFFF

 003B64

 D0FFFF

 00254C

 EFFFFFF

 000B35

 00021F

 000002

 000000

■ 319DCE

■ 319DCE

■ 1C97CE

■ 46A3CE

■ 0890CE

■ 5AAACE

■ 008ECE

■ 6FB0CE

■ 83B7CE

■ 98BDCE

■ ADC4CE

■ C1CACE

■ D6D0CE

■ EAD7CE

Harmonies

Analogous

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



00A3BA



319DCE



7194D3

Triad

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



319DCE



D17A8C



7D9D5F

Complementary

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



319DCE



CE6231

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.



A09452



319DCE



CE7E6D

Square

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



319DCE



C27DAC



BC8958



54A27A

Rectangle

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



319DCE



938CCC



BC8958



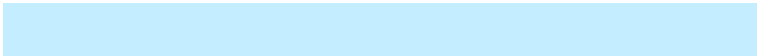
899A59

Sweetspot

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



319DCE



C4EDFF



31CE60



5C7480



000000



808080

Same Dimension

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



319DCE



17B7FF



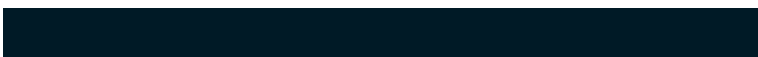
3150CE



5C6366



0072A6



001A26

Inverse Universe

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



CE319D



FF17B7



CEAF31



665C63



A60072



26001A

Previews

White Background



This preview shows how the Hex color 319DCE looks on a white background.

Color Contrast Check

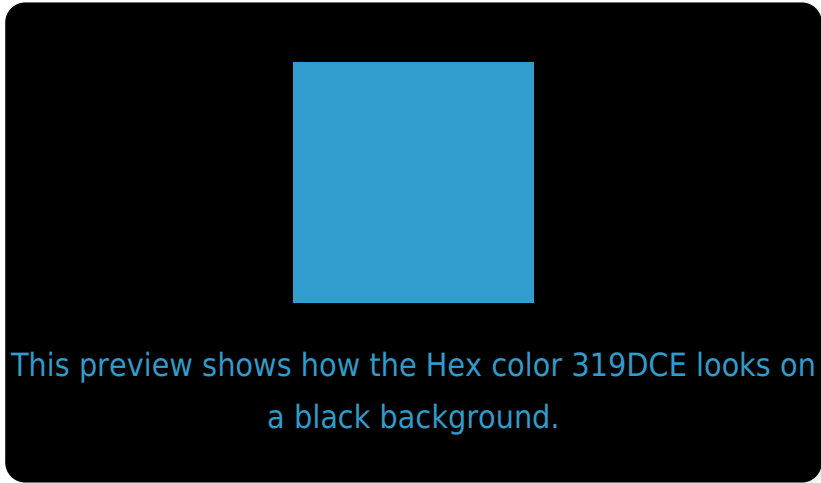
Large Text (above 18pt) WCAG AA ✓ Pass

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

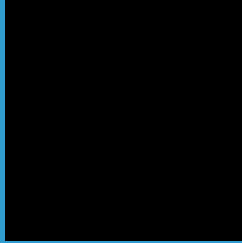
Any Text WCAG AA ✓ Pass

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 319DCE Background



This preview shows how black text looks on a background with the Hex color 319DCE.

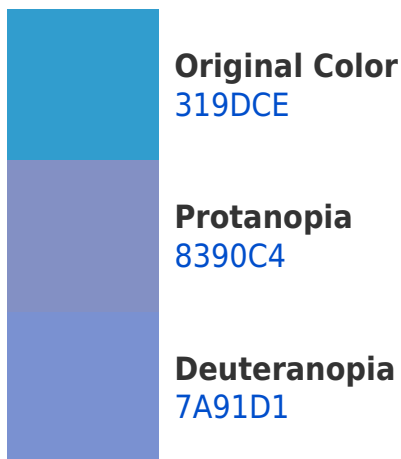


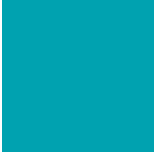
This preview shows how white text looks on a background with the Hex color 319DCE.

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](#).

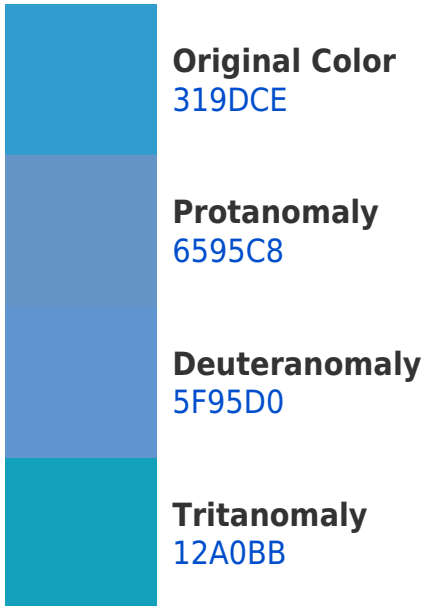
Dichromacy





Tritanopia
00A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 319DCE 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 #319DCE looks like.

```
.text, #text, p{  
    color:#319DCE  
}
```

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 #319DCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319DCE
}
```

Border

The CSS property to change the border of an element to Hex 319DCE 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
#319DCE }
```

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

```
.border{ border-color:#319DCE }
```

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

Here you see how a box with a 4 pixel #319DCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319DCE; -webkit-box-shadow:4px 4px  
4px 4px #319DCE; box-shadow:4px 4px 4px  
4px #319DCE }
```

Background

The CSS property to change the background color of an element to Hex 319DCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319DCE }
```

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

```
.background{ background-color:#319DCE }
```

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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