

Converting Colors

Hex(209CDF)

Have a look what the booklet for
Hex(209CDF) contains.

Hex(209CDF)	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(209CDF)

Conversions

Conversions Part 1

Format	Color
Hex	209CDF
RGB	32, 156, 223
RGB Percent	13%, 61%, 87%
CMY	0.8745, 0.3882, 0.1255
CMYK	0.86, 0.30, 0.00, 0.13
HSL	201°, 75%, 50%
HSV	201°, 86%, 87%
XYZ	25.8034, 29.4117, 74.1291
YIQ	126.5620, -95.4110, -5.4510

Conversions

Conversions Part 2

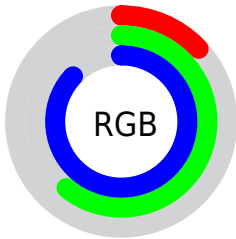
Format	Color
R _Y B	32, 107, 223
Decimal	2137311
CIE Lab	61.14, -8.76, -42.94
CIE LCh	61, 43.822, 258.470
Yxy	29.4117, 0.1995, 0.2274
Android (android.graphics.Color)	4280327391 (0xFF209CDF)
YUV	126.5620, 47.5439, -82.9309
Hunter-Lab	54.2326, -9.9782, -43.0791

Details

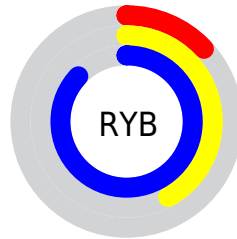
The Hex color **209CDF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DF6320**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70D2FF**, and **0069A7** is the 20% darker color. If you saturate the color by 10%, you get **0A94DF**, and if you desaturate by 10%, it is **36A4DF**.

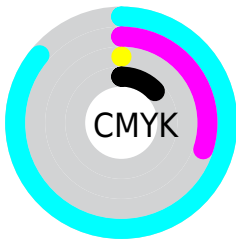
Distribution



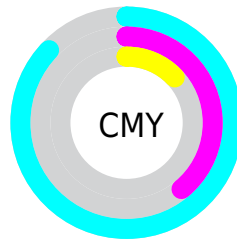
- Red (13%)
- Green (61%)
- Blue (87%)



- Red (13%)
- Yellow (42%)
- Blue (87%)



- Cyan (86%)
- Magenta (30%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (39%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209CDF 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 209CDF by changing the saturation by 10% instead.

 209CDF

 209CDF

FFFFFF

 0082C3

 70D2FF

 0069A7

 90EFFF

 00518D

 AFFFFFF

 003A73

 CEFFFF

 00255A

 EDFFFF

 000E42

 00032B

 000115

 000000

■ 209CDF

■ 209CDF

■ 0A94DF

■ 36A4DF

■ 0091DF

■ 4DACDF

■ 63B3DF

■ 79BBDF

■ 90C3DF

■ A6CBDF

■ BCD3DF

■ D2DBDF

■ E9E2DF

Harmonies

Analogous

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



00A4CD



209CDF



7F8FDD

Triad

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



209CDF



DD747D



67A25E

Complementary

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



209CDF



DF6320

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.



939947



209CDF



D27E5B

Square

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



209CDF



D475A4



B88C46



22A683

Rectangle

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



209CDF



A585D0



B88C46



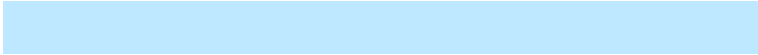
779F55

Sweetspot

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



209CDF



BDE8FF



20DF63



587280



000000



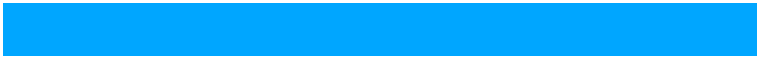
808080

Same Dimension

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



209CDF



00A6FF



203DDF



656C70



0072B0



001F30

Inverse Universe

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



DF209C



FF00A6



DFC220



70656C



B00072



30001F

Previews

White Background



This preview shows how the Hex color 209CDF looks on a white background.

Color Contrast Check

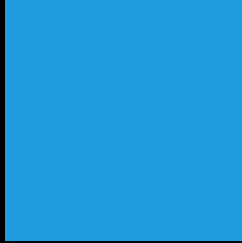
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 209CDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

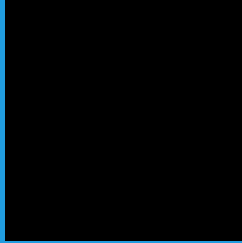
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

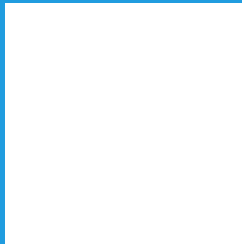
Any Text WCAG AAA × Fail

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

Hex 209CDF Background



This preview shows how black text looks on a background with the Hex color 209CDF.

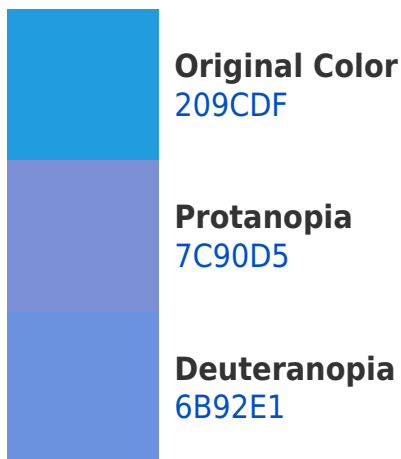


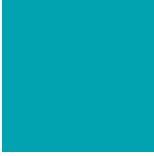
This preview shows how white text looks on a background with the Hex color 209CDF.

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](#).

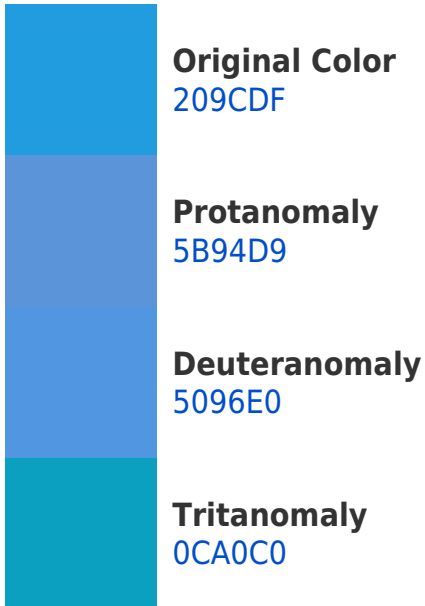
Dichromacy



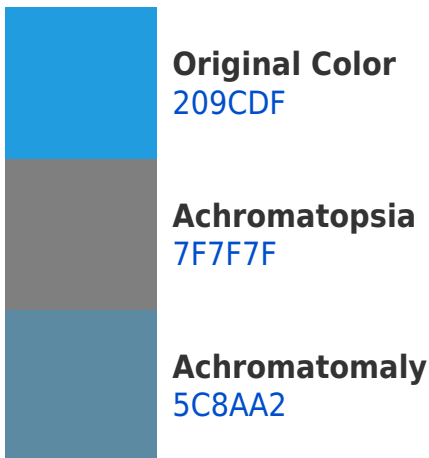


Tritanopia
00A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 209CDF 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 #209CDF looks like.

```
.text, #text, p{  
    color:#209CDF  
}
```

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 #209CDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209CDF
}
```

Border

The CSS property to change the border of an element to Hex 209CDF 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
#209CDF }
```

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

```
.border{ border-color:#209CDF }
```

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

Here you see how a box with a 4 pixel #209CDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209CDF; -webkit-box-shadow:4px 4px  
4px 4px #209CDF; box-shadow:4px 4px 4px  
4px #209CDF }
```

Background

The CSS property to change the background color of an element to Hex 209CDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209CDF }
```

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

```
.background{ background-color:#209CDF }
```

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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