

Converting Colors

Hex(219DD6)

Have a look what the booklet for
Hex(219DD6) contains.

Hex(219DD6)	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(219DD6)

Conversions

Conversions Part 1

Format	Color
Hex	219DD6
RGB	33, 157, 214
RGB Percent	13%, 62%, 84%
CMY	0.8706, 0.3843, 0.1608
CMYK	0.85, 0.27, 0.00, 0.16
HSL	199°, 73%, 48%
HSV	199°, 85%, 84%
XYZ	24.8218, 29.2923, 67.9641
YIQ	126.4220, -92.2010, -8.5610

Conversions

Conversions Part 2

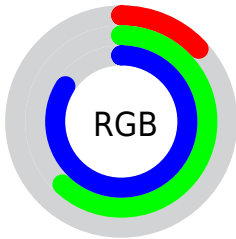
Format	Color
R_{YB}	33, 107, 214
Decimal	2203094
CIE _{Lab}	61.04, -12.47, -38.10
CIE _{LCh}	61, 40.087, 251.880
Yxy	29.2923, 0.2033, 0.2399
Android (android.graphics.Color)	4280393174 (0xFF219DD6)
YUV	126.4220, 43.1760, -81.9311
Hunter-Lab	54.1224, -12.8499, -36.5676

Details

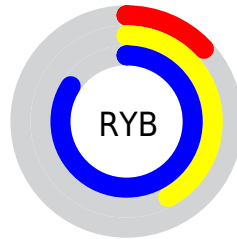
The Hex color **219DD6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D65A21**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6FD3FF**, and **006A9F** is the 20% darker color. If you saturate the color by 10%, you get **0C96D6**, and if you desaturate by 10%, it is **36A4D6**.

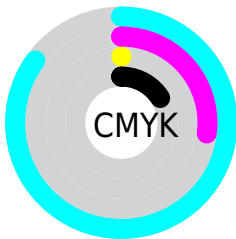
Distribution



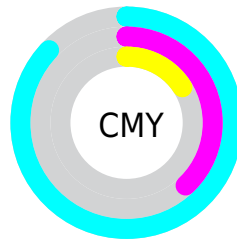
- Red (13%)
- Green (62%)
- Blue (84%)



- Red (13%)
- Yellow (42%)
- Blue (84%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)



- Cyan (87%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219DD6 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 219DD6 by changing the saturation by 10% instead.

■ 219DD6

■ 219DD6

FFFFFF

■ 0083BA

■ 6FD3FF

■ 006A9F

■ 8EF0FF

■ 005285

■ ADFFFF

■ 003B6B

■ CCFFFF

■ 002552

■ EBFFFF

■ 000D3B

■ 000225

■ 00010D

■ 000000

■ 219DD6

■ 219DD6

■ 0C96D6

■ 36A4D6

■ 0093D6

■ 4CAAD6

■ 61B1D6

■ 77B8D6

■ 8CBFD6

■ A1C5D6

■ B7CCD6

■ CCD3D6

■ E2DAD6

Harmonies

Analogous

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



00A4C2



219DD6



7492D8

Triad

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



219DD6



D77786



759F5D

Complementary

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



219DD6



D65A21

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.



9C964C



219DD6



D17E66

Square

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



219DD6



CA7AAA



BB8A50



44A47C

Rectangle

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



219DD6



9989CF



BB8A50



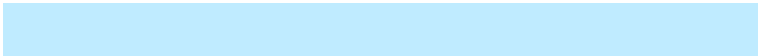
829C55

Sweetspot

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



219DD6



BFEBFF



21D657



597380



000000



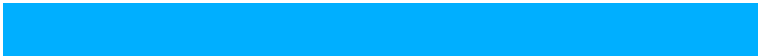
808080

Same Dimension

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



219DD6



00AFFF



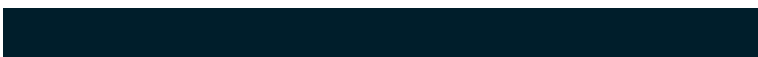
2145D6



60686B



0075AB



001E2B

Inverse Universe

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



D6219D



FF00AF



D6B221



6B6068



AB0075



2B001E

Previews

White Background



This preview shows how the Hex color 219DD6 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 219DD6 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

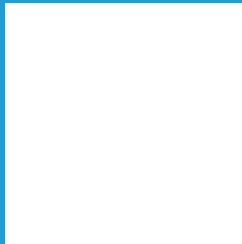
Any Text WCAG AAA × Fail

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

Hex 219DD6 Background



This preview shows how black text looks on a background with the Hex color 219DD6.

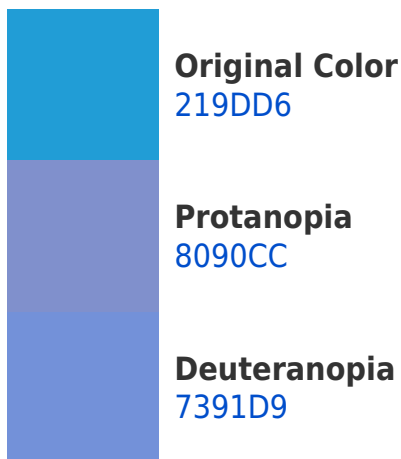


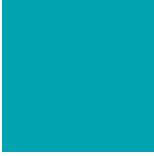
This preview shows how white text looks on a background with the Hex color 219DD6.

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](#).

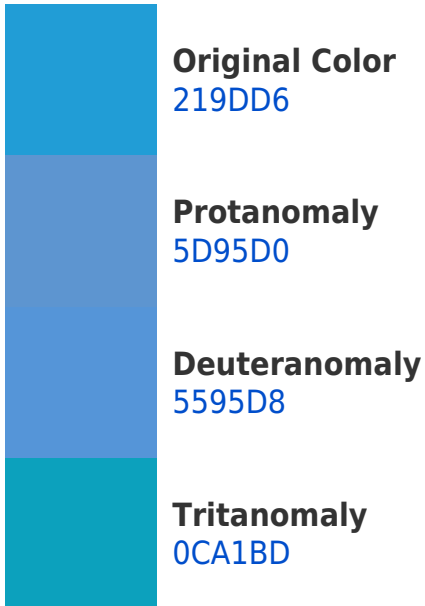
Dichromacy





Tritanopia
00A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 219DD6 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 #219DD6 looks like.

```
.text, #text, p{  
    color:#219DD6  
}
```

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 #219DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219DD6  
}
```

Border

The CSS property to change the border of an element to Hex 219DD6 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  
#219DD6 }
```

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

```
.border{ border-color:#219DD6 }
```

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

Here you see how a box with a 4 pixel #219DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219DD6; -webkit-box-shadow:4px 4px  
4px 4px #219DD6; box-shadow:4px 4px 4px  
4px #219DD6 }
```

Background

The CSS property to change the background color of an element to Hex 219DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219DD6 }
```

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

```
.background{ background-color:#219DD6 }
```

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