

Converting Colors

Hex(219BD6)

Have a look what the booklet for
Hex(219BD6) contains.

Hex(219BD6)	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>	28

Color

Hex(219BD6)

Conversions

Conversions Part 1

Format	Color
Hex	219BD6
RGB	33, 155, 214
RGB Percent	13%, 61%, 84%
CMY	0.8706, 0.3922, 0.1608
CMYK	0.85, 0.28, 0.00, 0.16
HSL	200°, 73%, 48%
HSV	200°, 85%, 84%
XYZ	24.4861, 28.6211, 67.8522
YIQ	125.2480, -91.6510, -7.5150

Conversions

Conversions Part 2

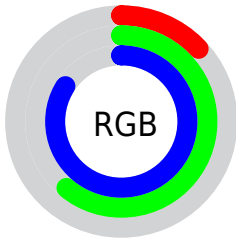
Format	Color
R _Y B	33, 106, 214
Decimal	2202582
CIE Lab	60.45, -11.36, -39.03
CIE LCh	60, 40.646, 253.773
Yxy	28.6211, 0.2024, 0.2366
Android (android.graphics.Color)	4280392662 (0xFF219BD6)
YUV	125.2480, 43.7547, -80.9015
Hunter-Lab	53.4987, -11.9238, -37.7483

Details

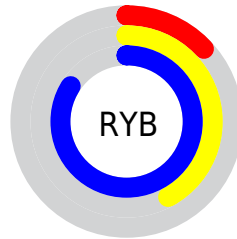
The Hex color **219BD6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D65C21**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6FD1FF**, and **00689F** is the 20% darker color. If you saturate the color by 10%, you get **0C94D6**, and if you desaturate by 10%, it is **36A2D6**.

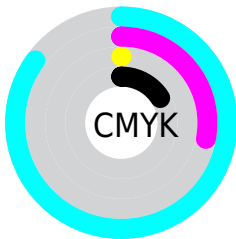
Distribution



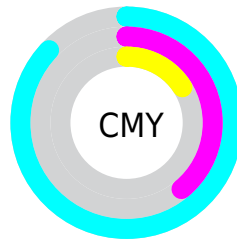
- Red (13%)
- Green (61%)
- Blue (84%)



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



- Cyan (85%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)



- Cyan (87%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219BD6 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 219BD6 by changing the saturation by 10% instead.

219BD6

219BD6

FFFFFF

0081BA

6FD1FF

00689F

8EEEFF

005085

ADFFFF

00396B

CCFFFF

002452

EAFFFF

00093B

000225

00010D

000000

■ 219BD6

■ 219BD6

■ 0C94D6

■ 36A2D6

■ 0090D6

■ 4CA9D6

■ 61B0D6

■ 77B7D6

■ 8CBED6

■ A1C5D6

■ B7CCD6

■ CCD3D6

■ E2DAD6

Harmonies

Analogous

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



00A2C2



219BD6



7690D7

Triad

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



219BD6



D67582



709E5C

Complementary

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



219BD6



D65C21

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.



98954A



219BD6



CF7C62

Square

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



219BD6



CB77A7



B8894D



3CA37D

Rectangle

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



219BD6



9B87CD



B8894D



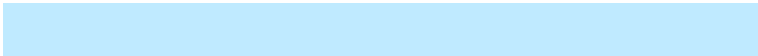
7E9B54

Sweetspot

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



219BD6



BFEAFF



21D65A



597380



000000



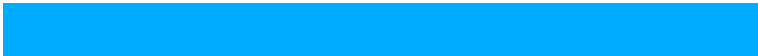
808080

Same Dimension

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



219BD6



00ACFF



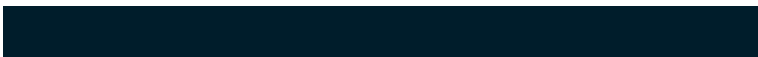
2142D6



60686B



0073AB



001D2B

Inverse Universe

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



D6219B



FF00AC



D6B521



6B6068



AB0073



2B001D

Previews

White Background



This preview shows how the Hex color 219BD6 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 219BD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

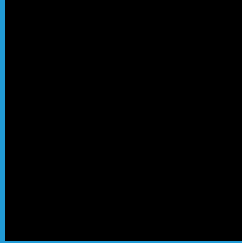
Any Text WCAG AA ✓ Pass

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 219BD6 Background



This preview shows how black text looks on a background with the Hex color 219BD6.

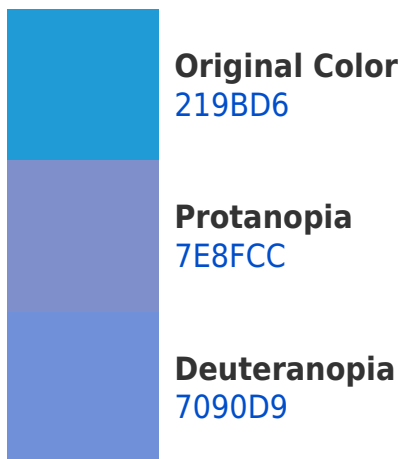


This preview shows how white text looks on a background with the Hex color 219BD6.

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



Trichromacy



Original Color
219BD6

Protanomaly
5C93D0

Deuteranomaly
5394D8

Monochromacy



Original Color
219BD6

Achromatopsia
7D7D7D

Achromatomaly
5C889D

CSS Examples

Text

The CSS property to change the color of the text to Hex 219BD6 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 #219BD6 looks like.

```
.text, #text, p{  
    color:#219BD6  
}
```

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 #219BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219BD6
}
```

Border

The CSS property to change the border of an element to Hex 219BD6 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
#219BD6 }
```

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

```
.border{ border-color:#219BD6 }
```

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

Here you see how a box with a 4 pixel #219BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219BD6; -webkit-box-shadow:4px 4px  
4px 4px #219BD6; box-shadow:4px 4px 4px  
4px #219BD6 }
```

Background

The CSS property to change the background color of an element to Hex 219BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219BD6 }
```

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

```
.background{ background-color:#219BD6 }
```

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