

Converting Colors

Hex(199BE6)

Have a look what the booklet for
Hex(199BE6) contains.

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Color

Hex(199BE6)

Conversions

Conversions Part 1

Format	Color
Hex	199BE6
RGB	25, 155, 230
RGB Percent	10%, 61%, 90%
CMY	0.9020, 0.3922, 0.0980
CMYK	0.89, 0.33, 0.00, 0.10
HSL	202°, 80%, 50%
HSV	202°, 89%, 90%
XYZ	26.4052, 29.3625, 79.1387
YIQ	124.6800, -101.5550, -4.2350

Conversions

Conversions Part 2

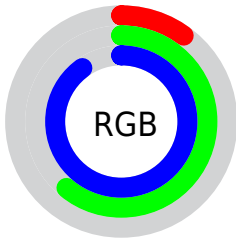
Format	Color
R _Y B	25, 105, 230
Decimal	1678310
CIE Lab	61.10, -6.08, -46.89
CIE LCh	61, 47.281, 262.616
Yxy	29.3625, 0.1957, 0.2177
Android (android.graphics.Color)	4279868390 (0xFF199BE6)
YUV	124.6800, 51.9228, -87.4194
Hunter-Lab	54.1872, -7.8454, -48.6602

Details

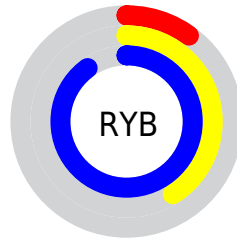
The Hex color **199BE6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E66419**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6FD1FF**, and **0068AE** is the 20% darker color. If you saturate the color by 10%, you get **0293E6**, and if you desaturate by 10%, it is **30A3E6**.

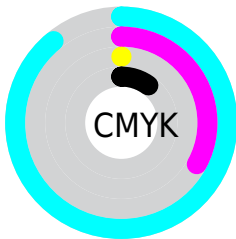
Distribution



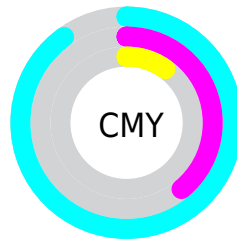
- Red (10%)
- Green (61%)
- Blue (90%)



- Red (10%)
- Yellow (41%)
- Blue (90%)



- Cyan (89%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 199BE6 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 199BE6 by changing the saturation by 10% instead.

 199BE6

 199BE6

FFFFFF

 0081CA

 6FD1FF

 0068AE

 90EDFF

 005093

 AFFFFFF

 003A79

 CEFFFF

 002560

 EDFFFF

 000F47

 000430

 00011A

 000000

■ 199BE6

■ 199BE6

■ 0293E6

■ 30A3E6

■ 0092E6

■ 47ACE6

■ 5EB4E6

■ 75BDE6

■ 8CC5E6

■ A3CDE6

■ BAD6E6

■ D1DEE6

■ E8E7E6

Harmonies

Analogous

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



00A4D5



199BE6



858DE1

Triad

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



199BE6



E17276



5AA35F

Complementary

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



199BE6



E66419

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.



8C9B43



199BE6



D37E52

Square

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



199BE6



DB71A0



B58E3E



00A887

Rectangle

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



199BE6



AD81D1



B58E3E



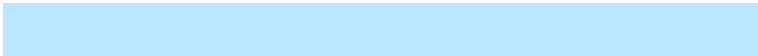
6DA153

Sweetspot

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



199BE6



BAE6FF



19E661



577180



000000



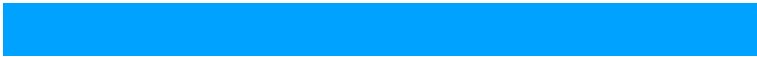
808080

Same Dimension

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



199BE6



00A2FF



1938E6



676F73



0071B3



002033

Inverse Universe

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



E6199B



FF00A2



E6C719



73676F



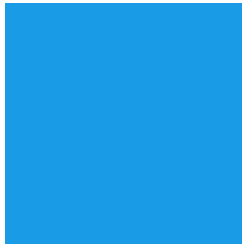
B30071



330020

Previews

White Background



This preview shows how the Hex color 199BE6 looks on a white background.

Color Contrast Check

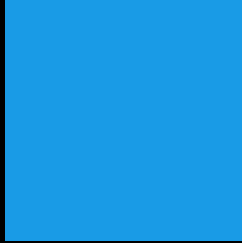
Large Text (above 18pt) WCAG AA ✓ Pass

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 199BE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

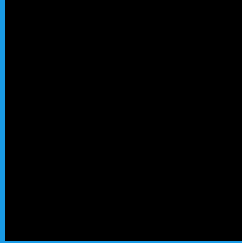
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

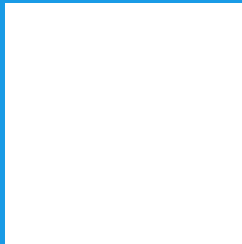
Any Text WCAG AAA × Fail

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

Hex 199BE6 Background



This preview shows how black text looks on a background with the Hex color 199BE6.

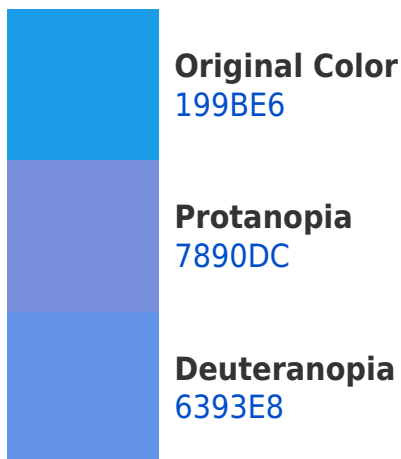


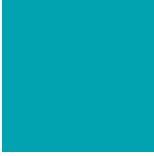
This preview shows how white text looks on a background with the Hex color 199BE6.

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](#).

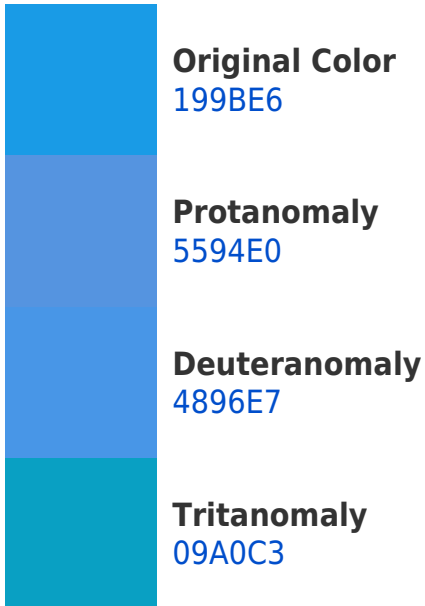
Dichromacy



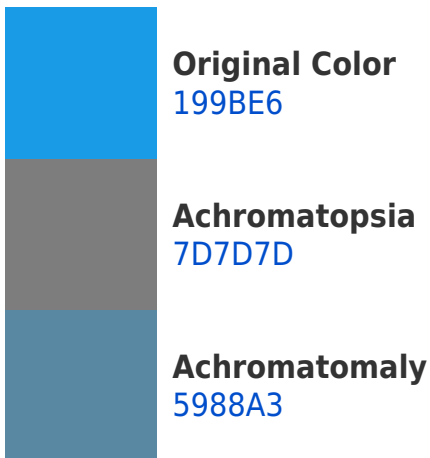


Tritanopia
00A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 199BE6 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 #199BE6 looks like.

```
.text, #text, p{  
    color:#199BE6  
}
```

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 #199BE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199BE6
}
```

Border

The CSS property to change the border of an element to Hex 199BE6 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
#199BE6 }
```

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

```
.border{ border-color:#199BE6 }
```

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

Here you see how a box with a 4 pixel #199BE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199BE6; -webkit-box-shadow:4px 4px  
4px 4px #199BE6; box-shadow:4px 4px 4px  
4px #199BE6 }
```

Background

The CSS property to change the background color of an element to Hex 199BE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199BE6 }
```

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

```
.background{ background-color:#199BE6 }
```

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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