

# Converting Colors

Hex(195CB9)

Have a look what the booklet for  
Hex(195CB9) contains.

<b>Hex(195CB9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(195CB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	195CB9
RGB	25, 92, 185
RGB Percent	10%, 36%, 73%
CMY	0.9020, 0.6392, 0.2745
CMYK	0.86, 0.50, 0.00, 0.27
HSL	215°, 76%, 41%
HSV	215°, 86%, 73%
XYZ	12.9850, 11.3637, 47.4080
YIQ	82.5690, -69.7850, 14.7190

# Conversions

## Conversions Part 2

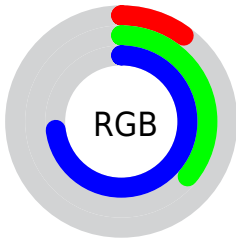
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 72, 185
Decimal	1662137
CIE <sub>Lab</sub>	40.19, 15.33, -54.71
CIE <sub>LCh</sub>	40, 56.821, 285.655
Yxy	11.3637, 0.1810, 0.1584
Android (android.graphics.Color)	4279852217 (0xFF195CB9)
YUV	82.5690, 50.4985, -50.4880
Hunter-Lab	33.7102, 9.7646, -59.7848

# Details

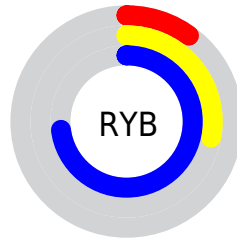
The Hex color **195CB9** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B97619**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **648EF2**, and **002F83** is the 20% darker color. If you saturate the color by 10%, you get **0651B9**, and if you desaturate by 10%, it is **2C67B9**.

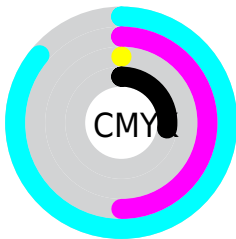
# Distribution



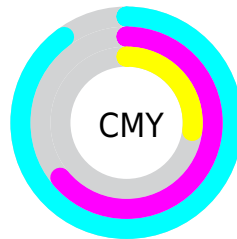
- Red (10%)
- Green (36%)
- Blue (73%)



- Red (10%)
- Yellow (28%)
- Blue (73%)



- Cyan (86%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (90%)
- Magenta (64%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 195CB9 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 195CB9 by changing the saturation by 10% instead.



■ 195CB9

■ 195CB9

FFFFFF

■ 00459E

■ 648EF2

■ 002F83

■ 83A8FF

■ 001C69

■ A0C3FF

■ 000051

■ BEDFFF

■ 000538

■ DCFBFF

■ 000222

■ FBFFFF

■ 000008

■ 000000

■ 195CB9

■ 195CB9

0651B9

2C67B9

004DB9

3E72B9

517CB9

6387B9

7692B9

889DB9

9BA7B9

ADB2B9

C0BDB9

# Harmonies

## Analogous

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



006AB9



195CB9



7E46A0

# Triad

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



195CB9



A33F1C



007246

# Complementary

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



195CB9



B97619

# 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.



206D14



195CB9



855400

# Square

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



195CB9



B02A49



5C6400



007377

# Rectangle

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



195CB9



9C3586



5C6400



007136



# Sweetspot

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



195CB9



B1CBF0



19B974



536278



F7F7F7



787878



# Same Dimension

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



195CB9



0064F0



2419B9



53565C



00419C



000C1C



# Inverse Universe

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



B9195C



F00064



AEB919



5C5356



9C0041



1C000C



# Previews

## White Background



This preview shows how the Hex color 195CB9 looks on a white 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

# Black Background



This preview shows how the Hex color 195CB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

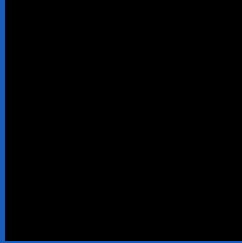
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 195CB9 Background



This preview shows how black text looks on a background with the Hex color 195CB9.



This preview shows how white text looks on a background with the Hex color 195CB9.

# 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**  
006970

# Trichromacy



**Original Color**  
195CB9

**Protanomaly**  
215BB8

**Deuteranomaly**  
095FAE

**Tritanomaly**  
09648B

# Monochromacy



**Original Color**  
195CB9

**Achromatopsia**  
535353

**Achromatomaly**  
3E5678

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 195CB9 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 #195CB9 looks like.

```
.text, #text, p{  
    color:#195CB9  
}
```

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 #195CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195CB9
}
```

## Border

The CSS property to change the border of an element to Hex 195CB9 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
#195CB9 }
```

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

```
.border{ border-color:#195CB9 }
```

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

Here you see how a box with a 4 pixel #195CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195CB9; -webkit-box-shadow:4px 4px  
4px 4px #195CB9; box-shadow:4px 4px 4px  
4px #195CB9 }
```

# Background

The CSS property to change the background color of an element to Hex 195CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195CB9 }
```

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

```
.background{ background-color:#195CB9 }
```

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