

# Converting Colors

Hex(195BB8)

Have a look what the booklet for  
Hex(195BB8) contains.

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# Color

**Hex(195BB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	195BB8
RGB	25, 91, 184
RGB Percent	10%, 36%, 72%
CMY	0.9020, 0.6431, 0.2784
CMYK	0.86, 0.51, 0.00, 0.28
HSL	215°, 76%, 41%
HSV	215°, 86%, 72%
XYZ	12.7937, 11.1495, 46.8252
YIQ	81.8680, -69.1890, 14.9310

# Conversions

## Conversions Part 2

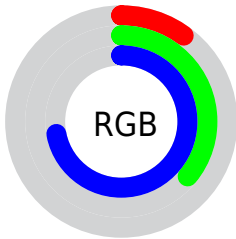
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 72, 184
Decimal	1661880
CIE <sub>Lab</sub>	39.83, 15.59, -54.70
CIE <sub>LCh</sub>	40, 56.881, 285.911
Yxy	11.1495, 0.1808, 0.1575
Android (android.graphics.Color)	4279851960 (0xFF195BB8)
YUV	81.8680, 50.3511, -49.8732
Hunter-Lab	33.3909, 9.9581, -59.7707

# Details

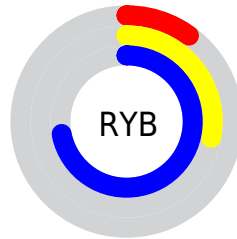
The Hex color **195BB8** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B87619**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **648CF1**, and **002F82** is the 20% darker color. If you saturate the color by 10%, you get **0750B8**, and if you desaturate by 10%, it is **2B66B8**.

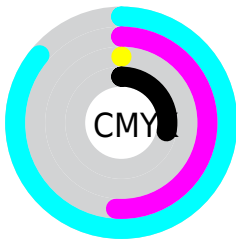
# Distribution



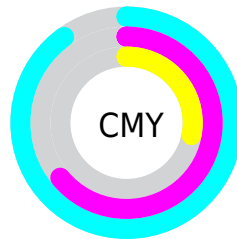
- Red (10%)
- Green (36%)
- Blue (72%)



- Red (10%)
- Yellow (28%)
- Blue (72%)



- Cyan (86%)
- Magenta (51%)
- Yellow (0%)
- Black (28%)



- Cyan (90%)
- Magenta (64%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 195BB8 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 195BB8 by changing the saturation by 10% instead.



■ 195BB8

■ 195BB8

FFFFFF

■ 00449D

■ 648CF1

■ 002F82

■ 82A7FF

■ 001B68

■ A0C2FF

■ 000050

■ BEDDFF

■ 000538

■ DCFAFF

■ 000221

■ FAFFFF

■ 000007

■ 000000

■ 195BB8

■ 195BB8

0750B8

2B66B8

004CB8

3E71B8

507BB8

6386B8

7591B8

879CB8

9AA6B8

ACB1B8

BFBCB8

# Harmonies

## Analogous

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



006AB8



195BB8



7E459F

# Triad

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



195BB8



A23E1B



007146

# Complementary

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



195BB8



B87619

# 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.



1E6C14



195BB8



845400

# Square

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



195BB8



AF2947



5B6300



007276

# Rectangle

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



195BB8



9B3485



5B6300



007035



# Sweetspot

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



195BB8



B1CBF0



19B876



536278



F7F7F7



787878



# Same Dimension

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



195BB8



0063F0



2619B8



53565C



00419C



000C1C



# Inverse Universe

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



B8195B



F00063



ABB819



5C5356



9C0041



1C000C



# Previews

## White Background



This preview shows how the Hex color 195BB8 looks on a white background.

## Color Contrast Check

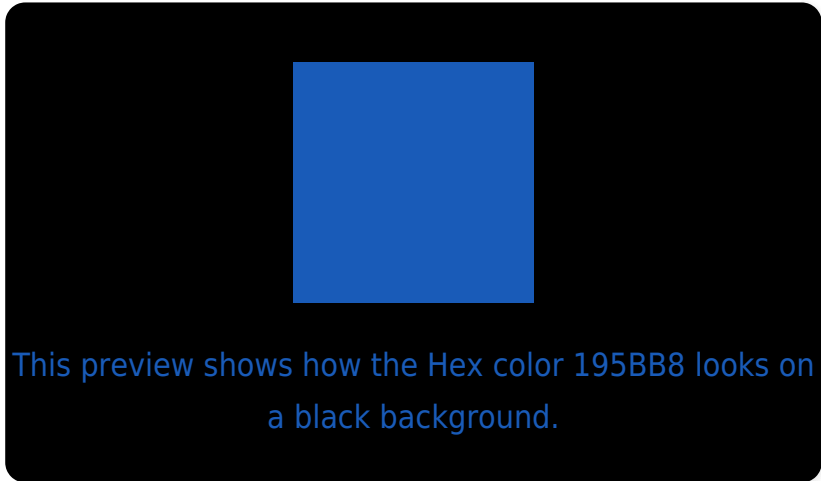
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

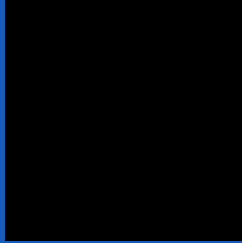
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 195BB8 Background



This preview shows how black text looks on a background with the Hex color 195BB8.

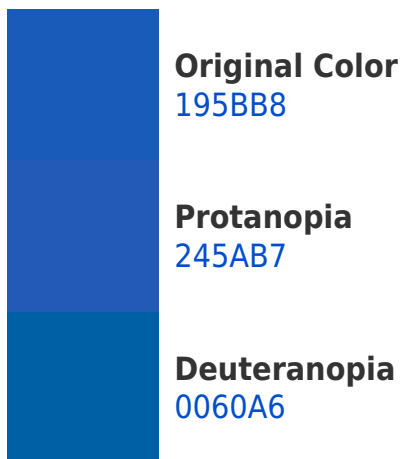


This preview shows how white text looks on a background with the Hex color 195BB8.

# 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](#).

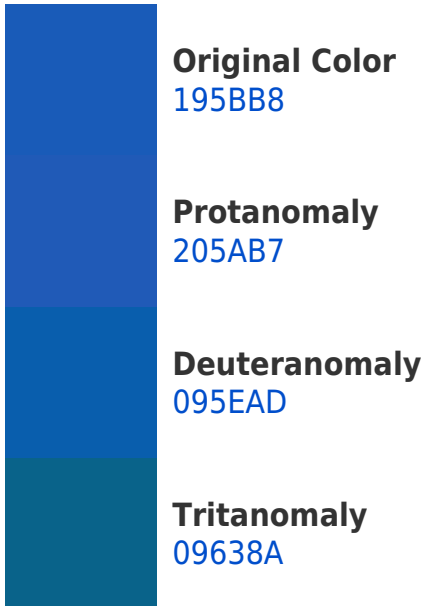
## Dichromacy



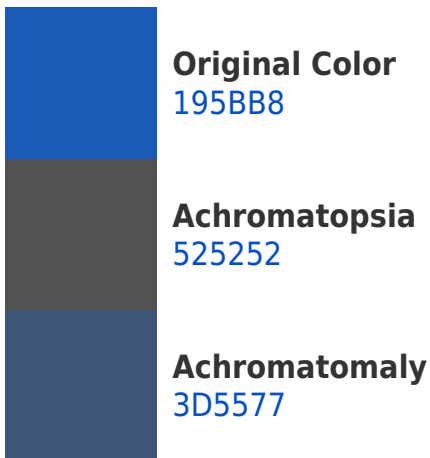


**Tritanopia**  
00686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 195BB8 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 #195BB8 looks like.

```
.text, #text, p{  
    color:#195BB8  
}
```

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 #195BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195BB8 }  
}
```

## Border

The CSS property to change the border of an element to Hex 195BB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

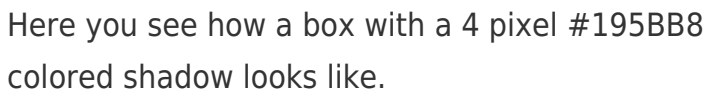
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #195BB8 }  
}
```

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

```
.border{ border-color:#195BB8 }
```

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



Here you see how a box with a 4 pixel #195BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195BB8; -webkit-box-shadow:4px 4px  
4px 4px #195BB8; box-shadow:4px 4px 4px  
4px #195BB8 }
```

# Background

The CSS property to change the background color of an element to Hex 195BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195BB8 }
```

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

```
.background{ background-color:#195BB8 }
```

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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