

# Converting Colors

Hex(194BC0)

Have a look what the booklet for  
Hex(194BC0) contains.

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# Color

**Hex(194BC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	194BC0
RGB	25, 75, 192
RGB Percent	10%, 29%, 75%
CMY	0.9020, 0.7059, 0.2471
CMYK	0.87, 0.61, 0.00, 0.25
HSL	222°, 77%, 43%
HSV	222°, 87%, 75%
XYZ	12.4314, 9.0446, 50.9597
YIQ	73.3880, -67.3570, 25.7870

# Conversions

## Conversions Part 2

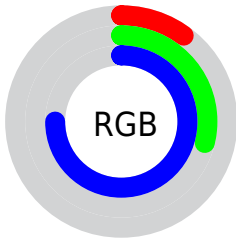
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">25, 63, 192</a>
Decimal	<a href="#">1657792</a>
CIELab	<a href="#">36.07, 29.36, -65.51</a>
CIELCh	<a href="#">36, 71.786, 294.145</a>
Yxy	<a href="#">9.0446, 0.1716, 0.1249</a>
Android (android.graphics.Color)	<a href="#">4279847872 (0xFF194BC0)</a>
YUV	<a href="#">73.3880, 58.4757, -42.4363</a>
Hunter-Lab	<a href="#">30.0742, 21.1544, -79.4129</a>

# Details

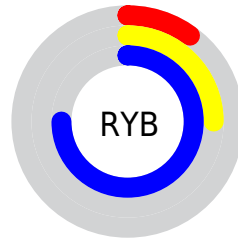
The Hex color **194BC0** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C08E19**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **677BF9**, and **002189** is the 20% darker color. If you saturate the color by 10%, you get **063EC0**, and if you desaturate by 10%, it is **2C58C0**.

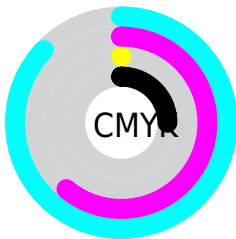
# Distribution



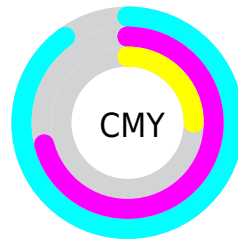
- Red (10%)
- Green (29%)
- Blue (75%)



- Red (10%)
- Yellow (25%)
- Blue (75%)



- Cyan (87%)
- Magenta (61%)
- Yellow (0%)
- Black (25%)



- Cyan (90%)
- Magenta (71%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 194BC0 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 194BC0 by changing the saturation by 10% instead.



■ 194BC0

FFFFFF

■ 677BF9

■ 8695FF

■ A5AFFF

■ C3CBFF

■ E1E7FF

■ 194BC0

■ 0035A4

■ 002189

■ 000F6F

■ 000256

■ 00063D

■ 000327

■ 000110

■ 000000

■ 194BC0

■ 194BC0

■ 063EC0

■ 2C58C0

■ 0039C0

■ 3F66C0

■ 5373C0

■ 6681C0

■ 798EC0

■ 8C9CC0

■ 9FA9C0

■ B3B7C0

■ C6C4C0

# Harmonies

## Analogous

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



0060CA



194BC0



8C2299

# Triad

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



194BC0



9B3100



006B47

# Complementary

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



194BC0



C08E19

# 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.



006700



194BC0



724F00

# Square

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



194BC0



B2002A



3B5F00



006C83

# Rectangle

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



194BC0



A90076



3B5F00



006A33



# Sweetspot

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



194BC0



B9CCFA



19C08E



56627D



FCFCFC



7D7D7D



# Same Dimension

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



194BC0



004BFA



3A19C0



575A61



0030A1



000A21



# Inverse Universe

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



C0194B



FA004B



9FC019



61575A



A10030



21000A



# Previews

## White Background



This preview shows how the Hex color 194BC0 looks on a white background.

## Color Contrast Check

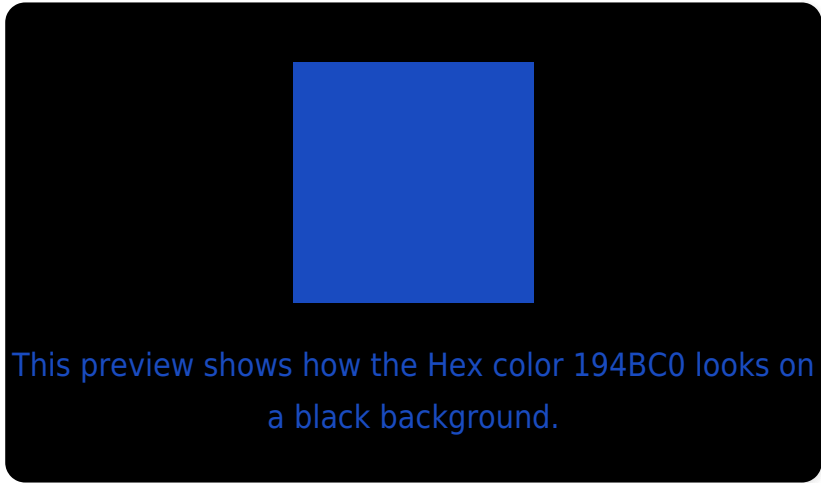
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

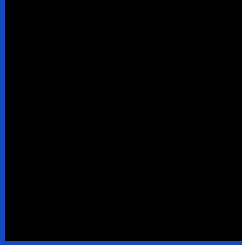
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 194BC0 Background



This preview shows how black text looks on a background with the Hex color 194BC0.



This preview shows how white text looks on a background with the Hex color 194BC0.

# 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



**Original Color**  
194BC0

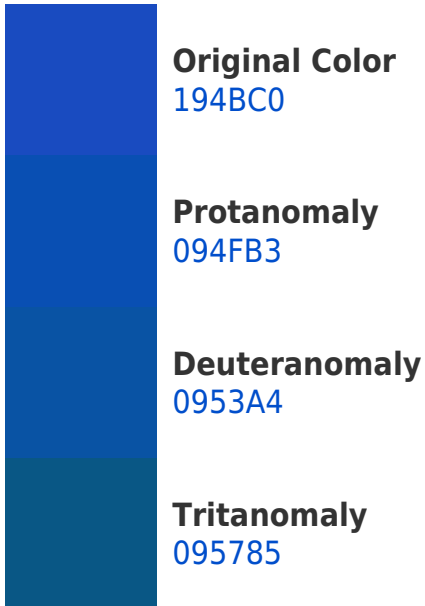
**Protanopia**  
0051AC

**Deuteranopia**  
005794



**Tritanopia**  
005E63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 194BC0 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 #194BC0 looks like.

```
.text, #text, p{  
    color:#194BC0  
}
```

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 #194BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194BC0
}
```

## Border

The CSS property to change the border of an element to Hex 194BC0 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
#194BC0 }
```

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

```
.border{ border-color:#194BC0 }
```

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

Here you see how a box with a 4 pixel #194BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194BC0; -webkit-box-shadow:4px 4px  
4px 4px #194BC0; box-shadow:4px 4px 4px  
4px #194BC0 }
```

# Background

The CSS property to change the background color of an element to Hex 194BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194BC0 }
```

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

```
.background{ background-color:#194BC0 }
```

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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