

Converting Colors

Hex(195BC0)

Have a look what the booklet for
Hex(195BC0) contains.

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Color

Hex(195BC0)

Conversions

Conversions Part 1

Format	Color
Hex	195BC0
RGB	25, 91, 192
RGB Percent	10%, 36%, 75%
CMY	0.9020, 0.6431, 0.2471
CMYK	0.87, 0.53, 0.00, 0.25
HSL	216°, 77%, 43%
HSV	216°, 87%, 75%
XYZ	13.6564, 11.4946, 51.3681
YIQ	82.7800, -71.7570, 17.4190

Conversions

Conversions Part 2

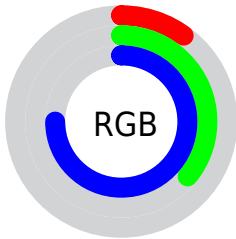
Format	Color
R_{YB}	25, 72, 192
Decimal	1661888
CIE Lab	40.40, 18.77, -58.45
CIE LCh	40, 61.391, 287.804
Yxy	11.4946, 0.1785, 0.1502
Android (android.graphics.Color)	4279851968 (0xFF195BC0)
YUV	82.7800, 53.8455, -50.6731
Hunter-Lab	33.9037, 12.5683, -66.0987

Details

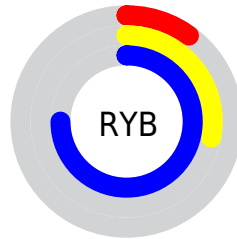
The Hex color **195BC0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C07E19**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **668CF9**, and **002F8A** is the 20% darker color. If you saturate the color by 10%, you get **064FC0**, and if you desaturate by 10%, it is **2C67C0**.

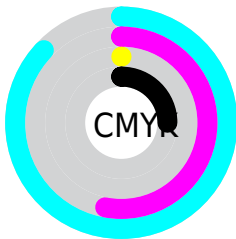
Distribution



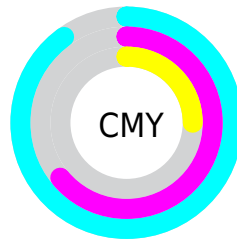
- Red (10%)
- Green (36%)
- Blue (75%)



- Red (10%)
- Yellow (28%)
- Blue (75%)



- Cyan (87%)
- Magenta (53%)
- Yellow (0%)
- Black (25%)



- Cyan (90%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195BC0 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 195BC0 by changing the saturation by 10% instead.

■ 195BC0

■ 195BC0

FFFFFF

■ 0044A4

■ 668CF9

■ 002F8A

■ 85A7FF

■ 001C6F

■ A3C2FF

■ 000056

■ C1DDFF

■ 00063E

■ DFFAFF

■ 000327

FEFFFF

■ 000111

■ 000000

■ 195BC0

■ 195BC0

■ 064FC0

■ 2C67C0

■ 004CC0

■ 3F72C0

■ 537EC0

■ 6689C0

■ 7995C0

■ 8CA1C0

■ 9FACC0

■ B3B8C0

■ C6C4C0

Harmonies

Analogous

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



006BC2



195BC0



8541A4

Triad

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



195BC0



A63D12



007448

Complementary

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



195BC0



C07E19

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.



056F10



195BC0



855600

Square

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



195BC0



B62244



586600



00757D

Rectangle

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



195BC0



A42D86



586600



007337

Sweetspot

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



195BC0



B9D3FA



19C07D



56667D



FCFCFC



7D7D7D

Same Dimension

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



195BC0



0063FA



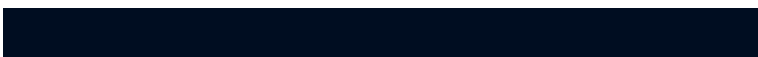
2A19C0



575B61



003FA1



000D21

Inverse Universe

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



C0195B



FA0063



AFC019



61575B



A1003F



21000D

Previews

White Background



This preview shows how the Hex color 195BC0 looks on a white background.

Color Contrast Check

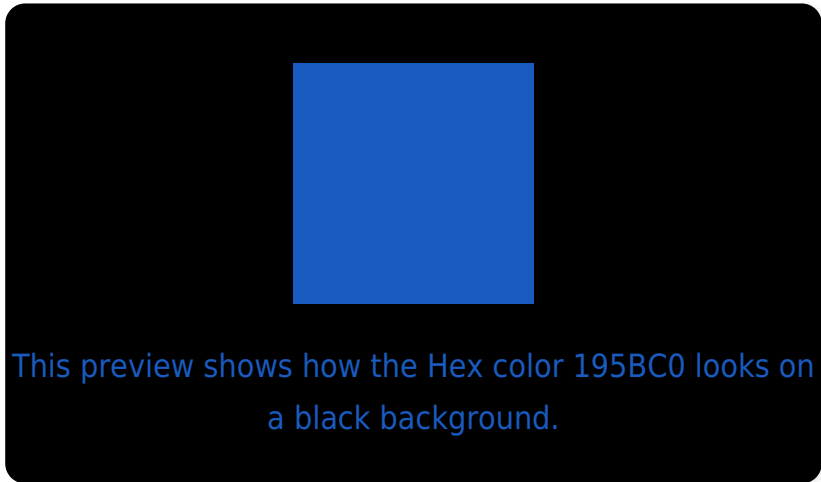
Large Text (above 18pt) WCAG AA ✓ Pass

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

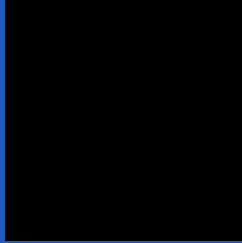
Any Text WCAG AA × Fail

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 195BC0 Background



This preview shows how black text looks on a background with the Hex color 195BC0.



This preview shows how white text looks on a background with the Hex color 195BC0.

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
195BC0

Protanopia
135BC0

Deuteranopia
0061A8



Tritanopia
006970

Trichromacy



Original Color
195BC0

Protanomaly
155BC0

Deuteranomaly
095FB1

Tritanomaly
09648D

Monochromacy



Original Color
195BC0

Achromatopsia
535353

Achromatomaly
3E567B

CSS Examples

Text

The CSS property to change the color of the text to Hex 195BC0 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 #195BC0 looks like.

```
.text, #text, p{  
    color:#195BC0  
}
```

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 #195BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195BC0
}
```

Border

The CSS property to change the border of an element to Hex 195BC0 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
#195BC0 }
```

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

```
.border{ border-color:#195BC0 }
```

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

Here you see how a box with a 4 pixel #195BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195BC0; -webkit-box-shadow:4px 4px  
4px 4px #195BC0; box-shadow:4px 4px 4px  
4px #195BC0 }
```

Background

The CSS property to change the background color of an element to Hex 195BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195BC0 }
```

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

```
.background{ background-color:#195BC0 }
```

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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