

Converting Colors

Hex(195BB3)

Have a look what the booklet for
Hex(195BB3) contains.

Hex(195BB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(195BB3)

Conversions

Conversions Part 1

Format	Color
Hex	195BB3
RGB	25, 91, 179
RGB Percent	10%, 36%, 70%
CMY	0.9020, 0.6431, 0.2980
CMYK	0.86, 0.49, 0.00, 0.30
HSL	214°, 75%, 40%
HSV	214°, 86%, 70%
XYZ	12.2787, 10.9435, 44.1130
YIQ	81.2980, -67.5840, 13.3760

Conversions

Conversions Part 2

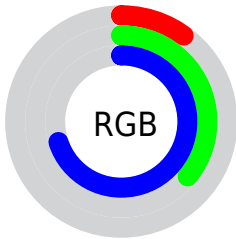
Format	Color
R _Y B	25, 71, 179
Decimal	1661875
CIE Lab	39.49, 13.60, -52.33
CIE LCh	39, 54.064, 284.569
Yxy	10.9435, 0.1824, 0.1625
Android (android.graphics.Color)	4279851955 (0xFF195BB3)
YUV	81.2980, 48.1671, -49.3733
Hunter-Lab	33.0810, 8.3621, -55.9056

Details

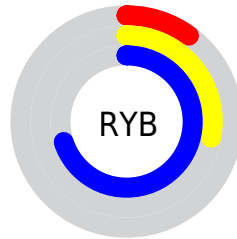
The Hex color **195BB3** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B37119**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **638CEB**, and **002F7D** is the 20% darker color. If you saturate the color by 10%, you get **0751B3**, and if you desaturate by 10%, it is **2B65B3**.

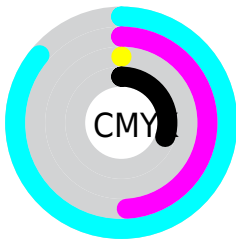
Distribution



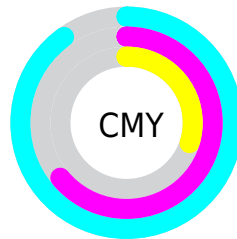
- Red (10%)
- Green (36%)
- Blue (70%)



- Red (10%)
- Yellow (28%)
- Blue (70%)



- Cyan (86%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)



- Cyan (90%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195BB3 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 195BB3 by changing the saturation by 10% instead.

■ 195BB3

■ 195BB3

FFFFFF

■ 004498

■ 638CEB

■ 002F7D

■ 81A7FF

■ 001B64

■ 9EC2FF

■ 00004B

■ BCDDFF

■ 000434

■ DAFAFF

■ 00021E

■ F8FFFF

■ 000000

■ 195BB3

■ 195BB3

■ 0751B3

■ 2B65B3

■ 004DB3

■ 3D6FB3

■ 4F7AB3

■ 6184B3

■ 728EB3

■ 8498B3

■ 96A3B3

■ A8ADB3

■ BAB7B3

Harmonies

Analogous

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



0068B2



195BB3



79479C

Triad

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



195BB3



9F3E20



006F44

Complementary

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



195BB3



B37119

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.



276B16



195BB3



835300

Square

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



195BB3



AA2D4A



5D6200



007172

Rectangle

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



195BB3



963784



5D6200



006E35

Sweetspot

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



195BB3



ACC6E8



19B370



516175



F5F5F5



757575

Same Dimension

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



195BB3



0063E8



2319B3



505459



004299



000B1A

Inverse Universe

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



B3195B



E80063



A9B319



595054



990042



1A000B

Previews

White Background



This preview shows how the Hex color 195BB3 looks on a white background.

Color Contrast Check

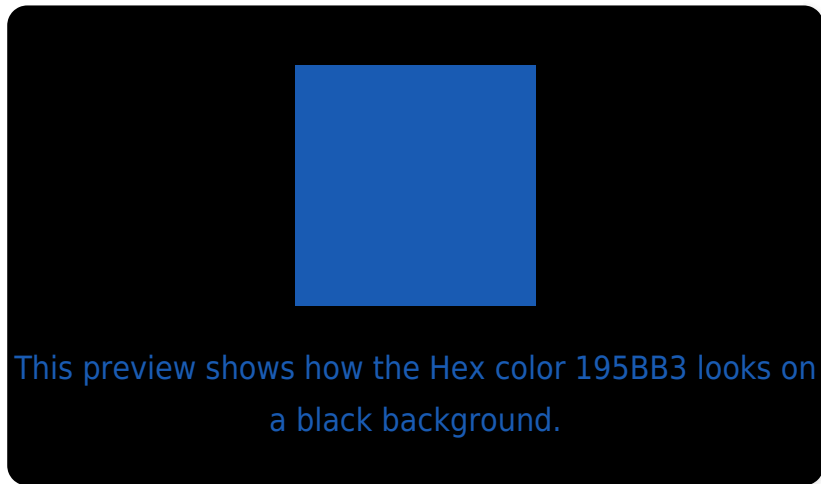
Large Text (above 18pt) WCAG AA ✓ Pass

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

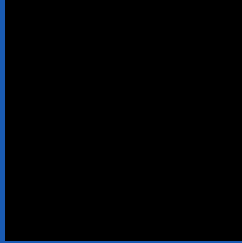
Any Text WCAG AA × Fail

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 195BB3 Background



This preview shows how black text looks on a background with the Hex color 195BB3.

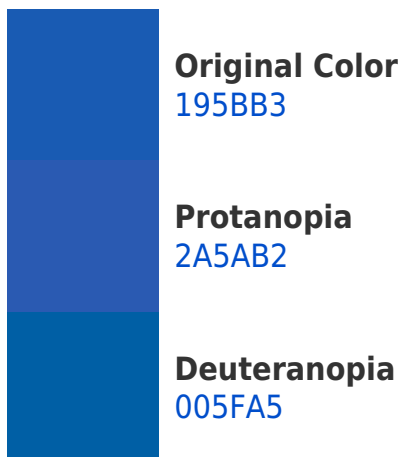


This preview shows how white text looks on a background with the Hex color 195BB3.

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
00676E

Trichromacy



Original Color
195BB3

Protanomaly
245AB2

Deuteranomaly
095EAA

Tritanomaly
096387

Monochromacy



Original Color
195BB3

Achromatopsia
515151

Achromatomaly
3D5575

CSS Examples

Text

The CSS property to change the color of the text to Hex 195BB3 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 #195BB3 looks like.

```
.text, #text, p{  
    color:#195BB3  
}
```

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 #195BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195BB3
}
```

Border

The CSS property to change the border of an element to Hex 195BB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

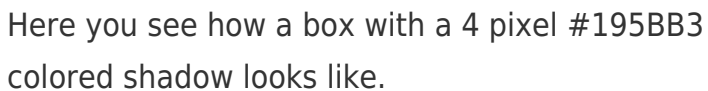
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#195BB3 }
```

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

```
.border{ border-color:#195BB3 }
```

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



Here you see how a box with a 4 pixel #195BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195BB3; -webkit-box-shadow:4px 4px  
4px 4px #195BB3; box-shadow:4px 4px 4px  
4px #195BB3 }
```

Background

The CSS property to change the background color of an element to Hex 195BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195BB3 }
```

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

```
.background{ background-color:#195BB3 }
```

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