

Converting Colors

Hex(195BEA)

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

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Color

Hex(195BEA)

Conversions

Conversions Part 1

Format	Color
Hex	195BEA
RGB	25, 91, 234
RGB Percent	10%, 36%, 92%
CMY	0.9020, 0.6431, 0.0824
CMYK	0.89, 0.61, 0.00, 0.08
HSL	221°, 83%, 51%
HSV	221°, 89%, 92%
XYZ	18.9933, 13.6294, 79.4716
YIQ	87.5680, -85.2390, 30.4810

Conversions

Conversions Part 2

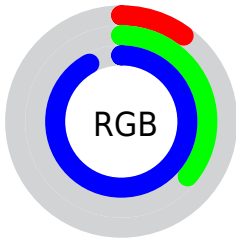
Format	Color
RYB	25, 75, 234
Decimal	1661930
CIELab	43.70, 35.01, -77.15
CIElCh	44, 84.718, 294.406
Yxy	13.6294, 0.1694, 0.1216
Android (android.graphics.Color)	4279852010 (0xFF195BEA)
YUV	87.5680, 72.1910, -54.8721
Hunter-Lab	36.9180, 27.2269, -101.7883

Details

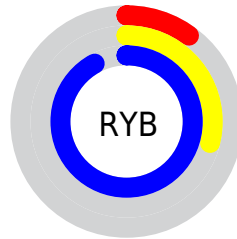
The Hex color **195BEA** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **EAA819**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **728DFF**, and **002FB1** is the 20% darker color. If you saturate the color by 10%, you get **024BEA**, and if you desaturate by 10%, it is **306BEA**.

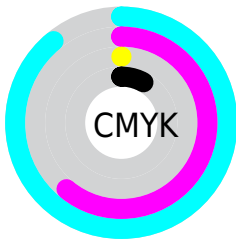
Distribution



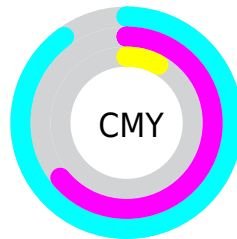
- Red (10%)
- Green (36%)
- Blue (92%)



- Red (10%)
- Yellow (29%)
- Blue (92%)



- Cyan (89%)
- Magenta (61%)
- Yellow (0%)
- Black (8%)



- Cyan (90%)
- Magenta (64%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 195BEA

 195BEA

FFFFFF

 0044CD

 728DFF

 002FB1

 93A7FF

 001C95

 B3C2FF

 00097B

 D2DEFF

 000961

 F2FAFF

 000848

 000430

 00011B

 000000

■ 195BEA

■ 195BEA

■ 024BEA

■ 306BEA

■ 004AEA

■ 487BEA

■ 5F8BEA

■ 779BEA

■ 8EABEA

■ A5BBEA

■ BDCBEA

■ D4DBEA

■ ECEBEA

Harmonies

Analogous

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



0075F6



195BEA



AB27BB

Triad

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



195BEA



BB3B00



008257

Complementary

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



195BEA



EAA819

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.



007E00



195BEA



896000

Square

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



195BEA



D90033



467400



0083A0

Rectangle

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



195BEA



CE008F



467400



00813E

Sweetspot

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



195BEA



BAD0FF



19EAA8



576480



000000



808080

Same Dimension

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



195BEA



0051FF



3F19EA



6A6D75



0039B5



001136

Inverse Universe

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



EA195B



FF0051



C4EA19



756A6D



B50039



360011

Previews

White Background



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

Color Contrast Check

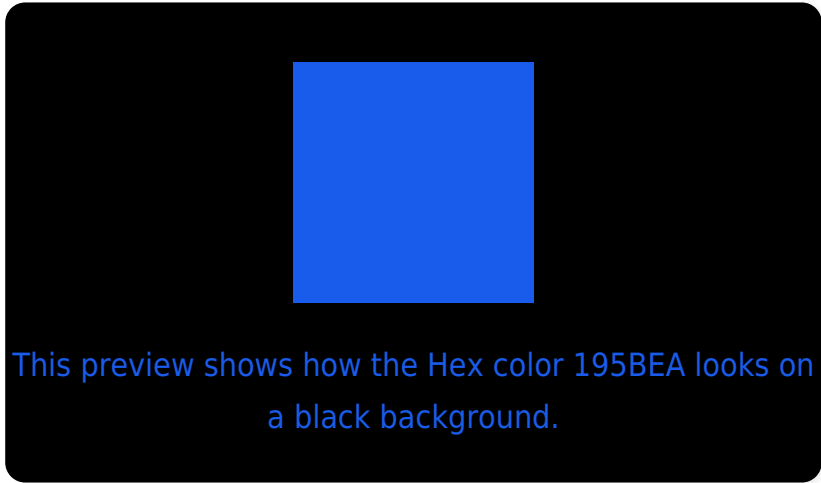
Large Text (above 18pt) WCAG AA ✓ Pass

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

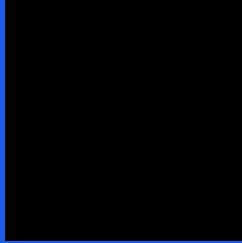
Any Text WCAG AA × Fail

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 195BEA Background



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



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

Color Blindness Simulation

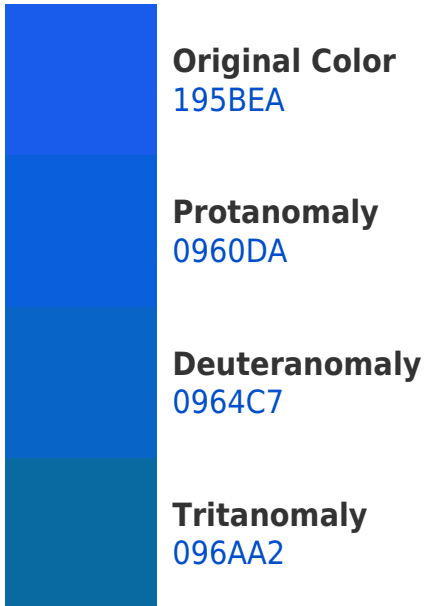
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #195BEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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