

Converting Colors

Hex(195CE7)

Have a look what the booklet for
Hex(195CE7) contains.

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Color

Hex(195CE7)

Conversions

Conversions Part 1

Format	Color
Hex	195CE7
RGB	25, 92, 231
RGB Percent	10%, 36%, 91%
CMY	0.9020, 0.6392, 0.0941
CMYK	0.89, 0.60, 0.00, 0.09
HSL	220°, 81%, 50%
HSV	220°, 89%, 91%
XYZ	18.6519, 13.6305, 77.2492
YIQ	87.8130, -84.5510, 29.0250

Conversions

Conversions Part 2

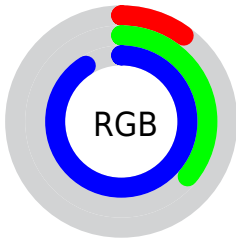
Format	Color
R_{YB}	25, 76, 231
Decimal	1662183
CIE _{Lab}	43.70, 33.24, -75.45
CIE _{LCh}	44, 82.446, 293.774
Yxy	13.6305, 0.1703, 0.1244
Android (android.graphics.Color)	4279852263 (0xFF195CE7)
YUV	87.8130, 70.5912, -55.0870
Hunter-Lab	36.9195, 25.5697, -98.2129

Details

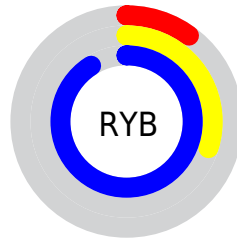
The Hex color **195CE7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E7A419**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **718EFF**, and **0030AE** is the 20% darker color. If you saturate the color by 10%, you get **024CE7**, and if you desaturate by 10%, it is **306CE7**.

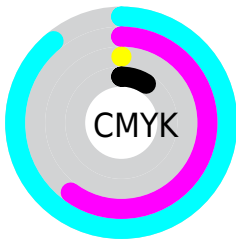
Distribution



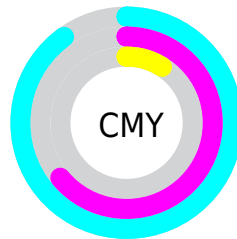
- Red (10%)
- Green (36%)
- Blue (91%)



- Red (10%)
- Yellow (30%)
- Blue (91%)



- Cyan (89%)
- Magenta (60%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (64%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195CE7 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 195CE7 by changing the saturation by 10% instead.

 195CE7

 195CE7

FFFFFF

 0045CA

 718EFF

 0030AE

 92A8FF

 001D93

 B1C3FF

 000A78

 D1DFFF

 000A5E

 F0FBFF

 000846

 00042E

 000119

 000000

■ 195CE7

■ 195CE7

■ 024CE7

■ 306CE7

■ 004BE7

■ 477BE7

■ 5E8BE7

■ 759AE7

■ 8DAAE7

■ A4BAE7

■ BBC9E7

■ D2D9E7

■ E9E8E7

Harmonies

Analogous

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



0075F2



195CE7



A82CBA

Triad

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



195CE7



BA3C00



008156

Complementary

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



195CE7



E7A419

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.



007D00



195CE7



8A6000

Square

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



195CE7



D60036



4A7300



00839D

Rectangle

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



195CE7



CA008F



4A7300



00803E

Sweetspot

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



195CE7



BAD1FF



19E7A2



576480



000000



808080

Same Dimension

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



195CE7



0053FF



3B19E7



676B73



003AB3



001133

Inverse Universe

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



E7195C



FF0053



C5E719



73676B



B3003A



330011

Previews

White Background



This preview shows how the Hex color 195CE7 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



This preview shows how the Hex color 195CE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

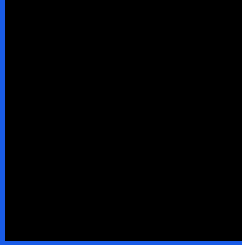
Any Text WCAG AA × Fail

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 195CE7 Background



This preview shows how black text looks on a background with the Hex color 195CE7.



This preview shows how white text looks on a background with the Hex color 195CE7.

Color Blindness Simulation

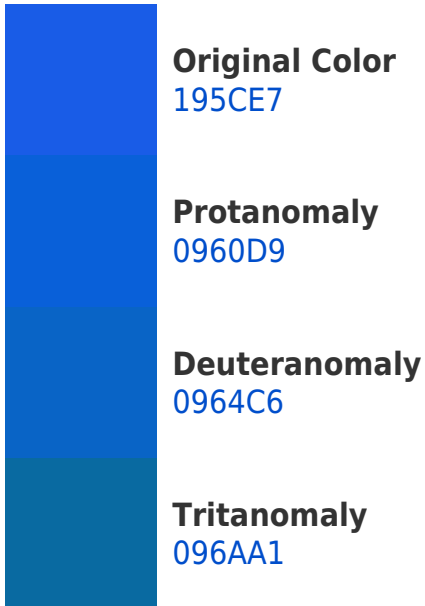
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

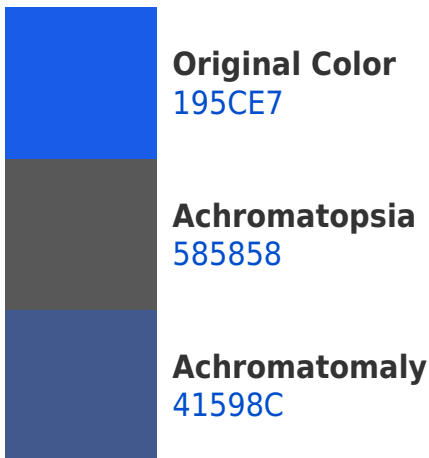




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 195CE7 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 #195CE7 looks like.

```
.text, #text, p{  
    color:#195CE7  
}
```

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 #195CE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195CE7
}
```

Border

The CSS property to change the border of an element to Hex 195CE7 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
#195CE7 }
```

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

```
.border{ border-color:#195CE7 }
```

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

Here you see how a box with a 4 pixel #195CE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195CE7; -webkit-box-shadow:4px 4px  
4px 4px #195CE7; box-shadow:4px 4px 4px  
4px #195CE7 }
```

Background

The CSS property to change the background color of an element to Hex 195CE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195CE7 }
```

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

```
.background{ background-color:#195CE7 }
```

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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