

# Converting Colors

Hex(191CB6)

Have a look what the booklet for  
Hex(191CB6) contains.

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# Color

**Hex(191CB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	191CB6
RGB	25, 28, 182
RGB Percent	10%, 11%, 71%
CMY	0.9020, 0.8902, 0.2863
CMYK	0.86, 0.85, 0.00, 0.29
HSL	239°, 76%, 41%
HSV	239°, 86%, 71%
XYZ	9.2597, 4.4146, 44.6200
YIQ	44.6590, -51.2220, 47.2580

# Conversions

## Conversions Part 2

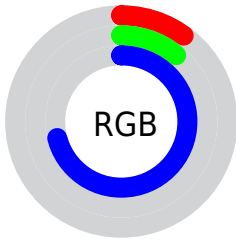
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 28, 182
Decimal	1645750
CIELab	25.00, 53.36, -77.87
CIELCh	25, 94.396, 304.418
Yxy	4.4146, 0.1588, 0.0757
Android (android.graphics.Color)	4279835830 (0xFF191CB6)
YUV	44.6590, 67.7091, -17.2409
Hunter-Lab	21.0109, 41.8971, -111.2042

# Details

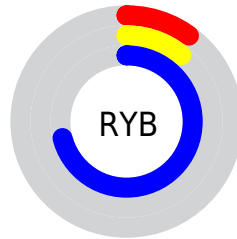
The Hex color **191CB6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B6B319**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **694DEF**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **070AB6**, and if you desaturate by 10%, it is **2B2EB6**.

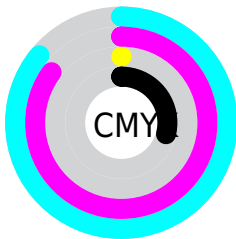
# Distribution



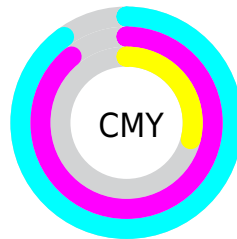
- Red (10%)
- Green (11%)
- Blue (71%)



- Red (10%)
- Yellow (11%)
- Blue (71%)



- Cyan (86%)
- Magenta (85%)
- Yellow (0%)
- Black (29%)



- Cyan (90%)
- Magenta (89%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 191CB6 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 191CB6 by changing the saturation by 10% instead.



■ 191CB6

■ 191CB6

FFFFFF

■ 00019A

■ 694DEF

■ 00007F

■ 8866FF

■ 000065

■ A780FF

■ 00094C

■ C59BFF

■ 000534

■ E4B6FF

■ 00021E

■ FFD2FF

■ 000001

■ FFEFFF

■ 000000

■ 191CB6

■ 191CB6

070AB6

2B2EB6

0003B6

3D40B6

5052B6

6263B6

7475B6

8687B6

9899B6

ABABB6

BDBDB6

# Harmonies

## Analogous

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



0047D1



191CB6



90007B

# Triad

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



191CB6



771400



005145

# Complementary

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



191CB6



B6B319

# 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.



004F00



191CB6



403D00

# Square

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



191CB6



9D0000



004A00



00538D

# Rectangle

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



191CB6



A7004C



004A00



00502B



# Sweetspot

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



191CB6



AFB1ED



19B6B1



535378



F7F7F7



787878



# Same Dimension

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



191CB6



0005ED



6219B6



53535C



00039C



00011C



# Inverse Universe

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



B6191C



ED0005



6DB619



5C5353



9C0003

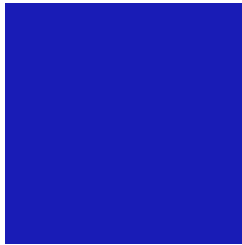


1C0001



# Previews

## White Background



This preview shows how the Hex color 191CB6 looks on a white background.

## Color Contrast Check

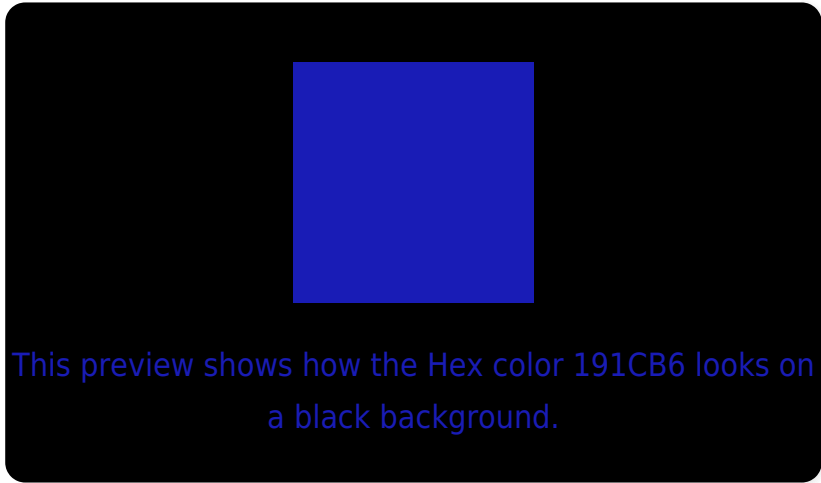
Large Text (above 18pt) WCAG AA ✓ Pass

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

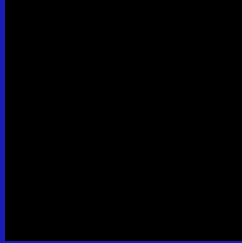
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 191CB6 Background



This preview shows how black text looks on a background with the Hex color 191CB6.



This preview shows how white text looks on a background with the Hex color 191CB6.

# 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**  
191CB6

**Protanopia**  
003A79

**Deuteranopia**  
003E67



# Trichromacy



**Original Color**  
191CB6

**Protanomaly**  
092F8F

**Deuteranomaly**  
093284

**Tritanomaly**  
09346F

# Monochromacy



**Original Color**  
191CB6

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
26275F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 191CB6 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 #191CB6 looks like.

```
.text, #text, p{  
    color:#191CB6  
}
```

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 #191CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191CB6
}
```

## Border

The CSS property to change the border of an element to Hex 191CB6 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
#191CB6 }
```

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

```
.border{ border-color:#191CB6 }
```

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

Here you see how a box with a 4 pixel #191CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191CB6; -webkit-box-shadow:4px 4px  
4px 4px #191CB6; box-shadow:4px 4px 4px  
4px #191CB6 }
```

# Background

The CSS property to change the background color of an element to Hex 191CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191CB6 }
```

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

```
.background{ background-color:#191CB6 }
```

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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