

# Converting Colors

Hex(190BF4)

Have a look what the booklet for  
Hex(190BF4) contains.

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# Color

**Hex(190BF4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	190BF4
RGB	25, 11, 244
RGB Percent	10%, 4%, 96%
CMY	0.9020, 0.9569, 0.0431
CMYK	0.90, 0.95, 0.00, 0.04
HSL	244°, 91%, 50%
HSV	244°, 95%, 96%
XYZ	16.8497, 6.9777, 86.0467
YIQ	41.7480, -66.4490, 75.4310

# Conversions

## Conversions Part 2

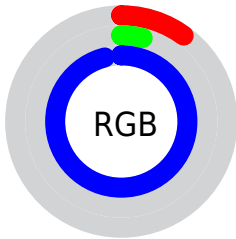
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 11, 244
Decimal	1641460
CIELab	31.76, 75.04, -102.57
CIElCh	32, 127.086, 306.188
Yxy	6.9777, 0.1534, 0.0635
Android (android.graphics.Color)	4279831540 (0xFF190BF4)
YUV	41.7480, 99.7102, -14.6880
Hunter-Lab	26.4153, 67.6344, -174.6440

# Details

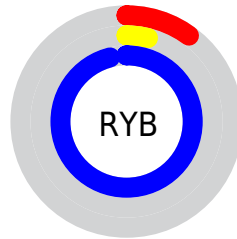
The Hex color **190BF4** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **E6F40B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7A4AFF**, and **0000BA** is the 20% darker color. If you saturate the color by 10%, you get **0F00F4**, and if you desaturate by 10%, it is **3023F4**.

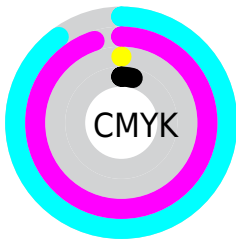
# Distribution



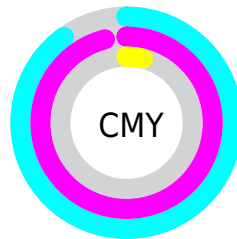
- Red (10%)
- Green (4%)
- Blue (96%)



- Red (10%)
- Yellow (4%)
- Blue (96%)



- Cyan (90%)
- Magenta (95%)
- Yellow (0%)
- Black (4%)



- Cyan (90%)
- Magenta (96%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 190BF4 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 190BF4 by changing the saturation by 10% instead.



 190BF4

 190BF4

FFFFFF

 0000D7

 7A4AFF

 0000BA

 9D65FF

 00009E

 BF81FF

 000082

 E09CFF

 001168

 FFB8FF

 000A4F

 FFD5FF

 000537

 FFF2FF

 000221

 000005

 190BF4

 190BF4

 0F00F4

 3023F4

 473CF4

 5E54F4

 756DF4

 8C85F4

 A39DF4

 BAB6F4

 D0CEF4

 E7E7F4

# Harmonies

## Analogous

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



005BFF



190BF4



C4009E

# Triad

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



190BF4



981100



00665F

# Complementary

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



190BF4



E6F40B

# 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.



006400



190BF4



494F00

# Square

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



190BF4



CE0000



005F00



006AC3

# Rectangle

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



190BF4



E0005D



005F00



00653B



# Sweetspot

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



190BF4



B9B5FF



0BE8F4



565380



000000



808080



# Same Dimension

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



190BF4



0F00FF



8B0BF4



6F6E7A



0B00BA



04003B



# Inverse Universe

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



F40BE6



FF00F0



74F40B



7A6E7A



BA00AF

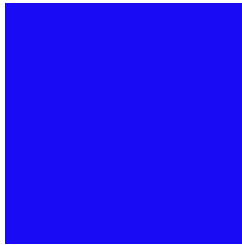


3B0037



# Previews

## White Background



This preview shows how the Hex color 190BF4 looks on a white background.

## Color Contrast Check

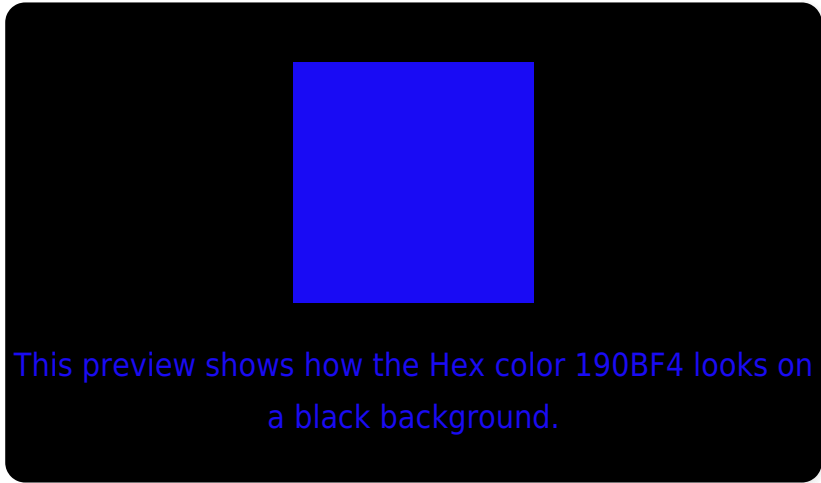
Large Text (above 18pt) WCAG AA ✓ Pass

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 190BF4 Background



This preview shows how black text looks on a background with the Hex color 190BF4.



This preview shows how white text looks on a background with the Hex color 190BF4.

# 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**  
190BF4

**Protanopia**  
004897

**Deuteranopia**  
004D80



# Trichromacy



**Original Color**  
190BF4

**Protanomaly**  
0932B9

**Deuteranomaly**  
0935AA

**Tritanomaly**  
093990

# Monochromacy



**Original Color**  
190BF4

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
241F73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 190BF4 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 #190BF4 looks like.

```
.text, #text, p{  
    color:#190BF4  
}
```

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 #190BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #190BF4
}
```

## Border

The CSS property to change the border of an element to Hex 190BF4 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
#190BF4 }
```

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

```
.border{ border-color:#190BF4 }
```

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

Here you see how a box with a 4 pixel #190BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #190BF4; -webkit-box-shadow:4px 4px  
4px 4px #190BF4; box-shadow:4px 4px 4px  
4px #190BF4 }
```

# Background

The CSS property to change the background color of an element to Hex 190BF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#190BF4 }
```

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

```
.background{ background-color:#190BF4 }
```

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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