

# Converting Colors

Hex(190CC0)

Have a look what the booklet for  
Hex(190CC0) contains.

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# Color

Hex(190CC0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	190CC0
RGB	25, 12, 192
RGB Percent	10%, 5%, 75%
CMY	0.9020, 0.9529, 0.2471
CMYK	0.87, 0.94, 0.00, 0.25
HSL	244°, 88%, 40%
HSV	244°, 94%, 75%
XYZ	10.0468, 4.2754, 50.1649
YIQ	36.4070, -50.0320, 58.7360

# Conversions

## Conversions Part 2

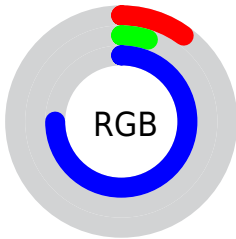
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 12, 192
Decimal	1641664
CIE <sub>Lab</sub>	24.56, 61.58, -84.54
CIE <sub>LCh</sub>	25, 104.584, 306.069
Y <sub>xy</sub>	4.2754, 0.1558, 0.0663
Android (android.graphics.Color)	4279831744 (0xFF190CC0)
YUV	36.4070, 76.7073, -10.0039
Hunter-Lab	20.6770, 50.5470, -129.3707

# Details

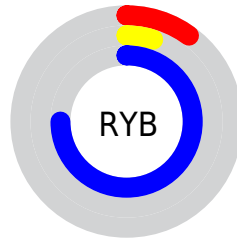
The Hex color **190CC0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B3C00C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6C44FA**, and **000089** is the 20% darker color. If you saturate the color by 10%, you get **0E00C0**, and if you desaturate by 10%, it is **2B1FC0**.

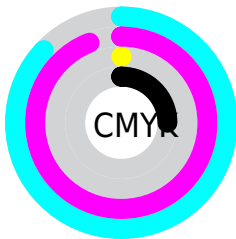
# Distribution



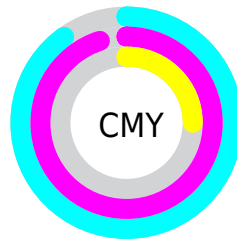
- Red (10%)
- Green (5%)
- Blue (75%)



- Red (10%)
- Yellow (5%)
- Blue (75%)



- Cyan (87%)
- Magenta (94%)
- Yellow (0%)
- Black (25%)



- Cyan (90%)
- Magenta (95%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 190CC0 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 190CC0 by changing the saturation by 10% instead.



 190CC0

 190CC0

FFFFFF

 0000A4

 6C44FA

 000089

 8D5EFF

 00006E

 AC78FF

 000C55

 CB93FF

 00063C

 EAAEFF

 000226

 FFCAFF

 00010E

 FFE7FF

 000000

 190CC0

 190CC0

■ 0E00C0

■ 2B1FC0

■ 3D32C0

■ 4E46C0

■ 6059C0

■ 726CC0

■ 847FC0

■ 9692C0

■ A8A6C0

■ B9B9C0

# Harmonies

## Analogous

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



0047E1



190CC0



9A007D

# Triad

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



190CC0



780F00



00514A

# Complementary

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



190CC0



B3C00C

# 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



190CC0



3A3E00

# Square

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



190CC0



A30000



004B00



005499

# Rectangle

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



190CC0



B10049



004B00



00502E



# Sweetspot

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



190CC0



B9B4FA



0CB4C0



56527D



FCFCFC



7D7D7D



# Same Dimension

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



190CC0



1200FA



720CC0



585761



0C00A1



020021



# Inverse Universe

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



C00CB3



FA00E8



5AC00C



615760



A10095

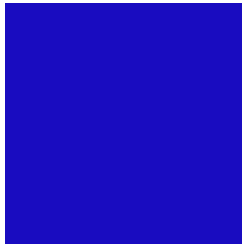


21001F



# Previews

## White Background



This preview shows how the Hex color 190CC0 looks on a white background.

## Color Contrast Check

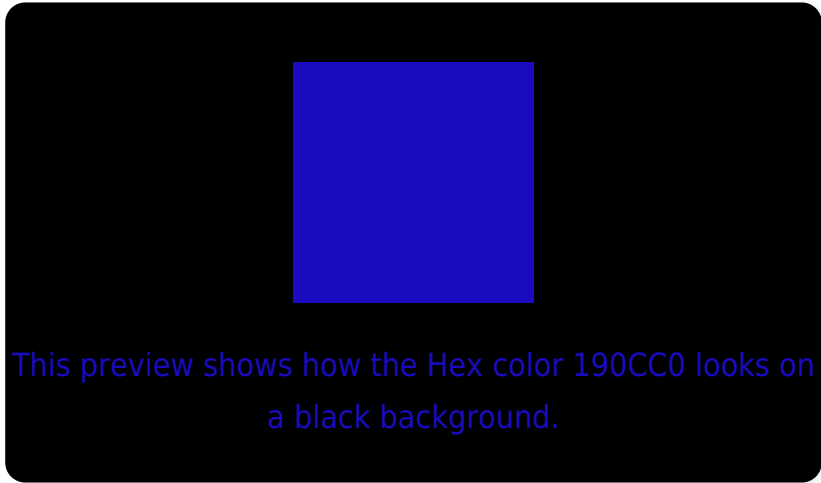
Large Text (above 18pt) WCAG AA ✓ Pass

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

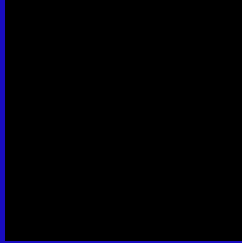
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 190CC0 Background



This preview shows how black text looks on a background with the Hex color 190CC0.



This preview shows how white text looks on a background with the Hex color 190CC0.

# 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**  
190CC0

**Protanopia**  
003979

**Deuteranopia**  
003D66

# Trichromacy



**Original Color**  
190CC0

**Protanomaly**  
092993

**Deuteranomaly**  
092B87

# Monochromacy



**Original Color**  
190CC0

**Achromatopsia**  
242424

**Achromatomaly**  
201B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 190CC0 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 #190CC0 looks like.

```
.text, #text, p{  
    color:#190CC0  
}
```

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 #190CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #190CC0
}
```

## Border

The CSS property to change the border of an element to Hex 190CC0 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
#190CC0 }
```

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

```
.border{ border-color:#190CC0 }
```

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

Here you see how a box with a 4 pixel #190CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #190CC0; -webkit-box-shadow:4px 4px  
4px 4px #190CC0; box-shadow:4px 4px 4px  
4px #190CC0 }
```

# Background

The CSS property to change the background color of an element to Hex 190CC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#190CC0 }
```

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

```
.background{ background-color:#190CC0 }
```

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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