

# Converting Colors

Hex(1C0F7B)

Have a look what the booklet for  
Hex(1C0F7B) contains.

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# Color

**Hex(1C0F7B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C0F7B
RGB	28, 15, 123
RGB Percent	11%, 6%, 48%
CMY	0.8902, 0.9412, 0.5176
CMYK	0.77, 0.88, 0.00, 0.52
HSL	247°, 78%, 27%
HSV	247°, 88%, 48%
XYZ	4.2249, 2.0186, 18.9058
YIQ	31.1990, -26.9200, 36.3440

# Conversions

## Conversions Part 2

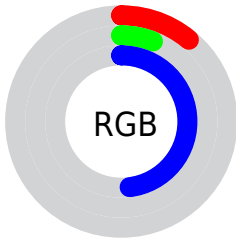
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 15, 123
Decimal	1838971
CIE <sub>Lab</sub>	15.58, 40.98, -57.12
CIE <sub>LCh</sub>	16, 70.299, 305.655
Yxy	2.0186, 0.1680, 0.0803
Android (android.graphics.Color)	4280029051 (0xFF1C0F7B)
YUV	31.1990, 45.2579, -2.8055
Hunter-Lab	14.2077, 28.2161, -68.9504

# Details

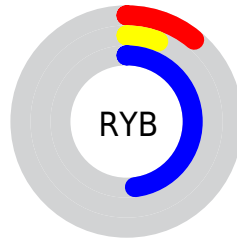
The Hex color **1C0F7B** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6E7B0F**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5A3EB1**, and **000049** is the 20% darker color. If you saturate the color by 10%, you get **11037B**, and if you desaturate by 10%, it is **271B7B**.

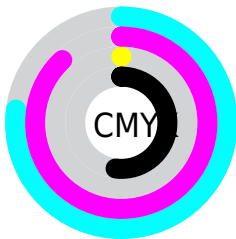
# Distribution



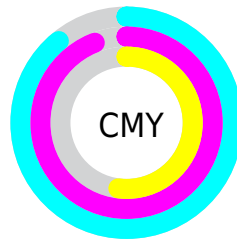
- Red (11%)
- Green (6%)
- Blue (48%)



- Red (11%)
- Yellow (6%)
- Blue (48%)



- Cyan (77%)
- Magenta (88%)
- Yellow (0%)
- Black (52%)



- Cyan (89%)
- Magenta (94%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C0F7B 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 1C0F7B by changing the saturation by 10% instead.



 1C0F7B

 1C0F7B


 FFF8FF

 000061

 5A3EB1

 000049

 7756CD

 000431

 936FE9

 00011B

 B089FF

 000000

 CDA4FF

 EABFFF

 FFDBFF

 1C0F7B

 1C0F7B

■ 11037B

■ 271B7B

■ 0F007B

■ 32287B

■ 3C347B

■ 47407B

■ 524C7B

■ 5D597B

■ 68657B

■ 73717B

■ 7D7E7B

# Harmonies

## Analogous

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



002E8F



1C0F7B



640051

# Triad

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



1C0F7B



500F00



003830

# Complementary

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



1C0F7B



6E7B0F

# 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.



003600



1C0F7B



292900

# Square

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



1C0F7B



6B0000



003200



003962

# Rectangle

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



1C0F7B



730031



003200



00371E



# Sweetspot

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



1C0F7B



7C77A1



0F6E7B



3B3852



D1D1D1



525252



# Same Dimension

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



1C0F7B



1300A1



520F7B



38373D



0F007D



1E00FC



# Inverse Universe

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



7B0F6E



A1008D



387B0F



3D373C



7D006E

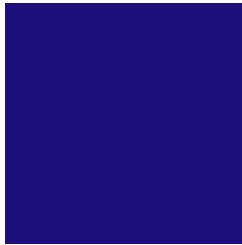


FC00DE



# Previews

## White Background



This preview shows how the Hex color 1C0F7B looks on a white background.

## Color Contrast Check

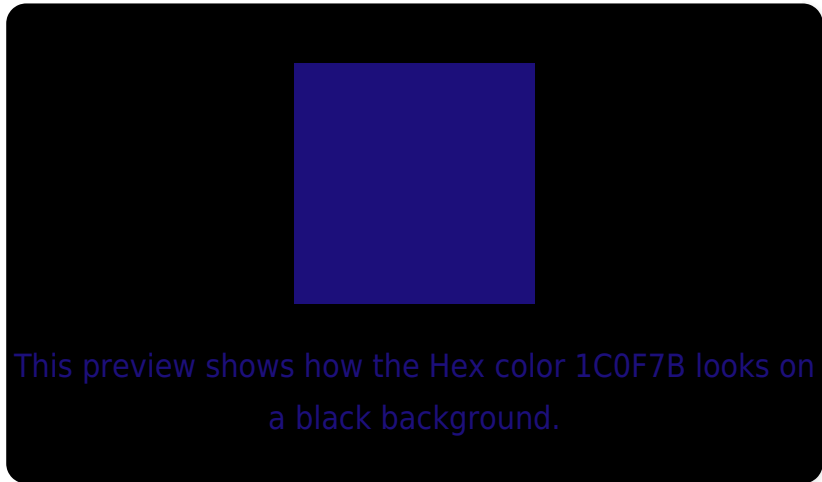
Large Text (above 18pt) WCAG AA ✓ Pass

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

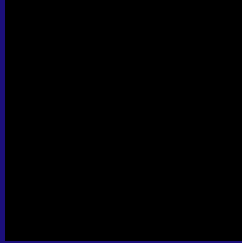
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C0F7B Background



This preview shows how black text looks on a background with the Hex color 1C0F7B.



This preview shows how white text looks on a background with the Hex color 1C0F7B.

# 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**  
1C0F7B

**Protanopia**  
002752

**Deuteranopia**  
002A46



# Trichromacy



**Original Color**  
1C0F7B

**Protanomaly**  
0A1E61

**Deuteranomaly**  
0A2059

**Tritanomaly**  
0A224B

# Monochromacy



**Original Color**  
1C0F7B

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
1E1940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C0F7B 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 #1C0F7B looks like.

```
.text, #text, p{  
    color:#1C0F7B  
}
```

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 #1C0F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0F7B
}
```

## Border

The CSS property to change the border of an element to Hex 1C0F7B 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
#1C0F7B }
```

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

```
.border{ border-color:#1C0F7B }
```

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

Here you see how a box with a 4 pixel #1C0F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0F7B; -webkit-box-shadow:4px 4px  
4px 4px #1C0F7B; box-shadow:4px 4px 4px  
4px #1C0F7B }
```

# Background

The CSS property to change the background color of an element to Hex 1C0F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0F7B }
```

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

```
.background{ background-color:#1C0F7B }
```

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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