

# Converting Colors

Hex(1C0075)

Have a look what the booklet for  
Hex(1C0075) contains.

<b>Hex(1C0075)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1C0075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C0075
RGB	28, 0, 117
RGB Percent	11%, 0%, 46%
CMY	0.8902, 1.0000, 0.5412
CMYK	0.76, 1.00, 0.00, 0.54
HSL	254°, 100%, 23%
HSV	254°, 100%, 46%
XYZ	3.6898, 1.5312, 16.9307
YIQ	21.7100, -20.8690, 42.3230

# Conversions

## Conversions Part 2

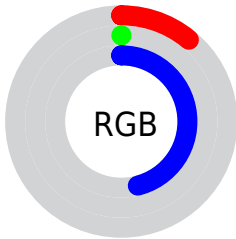
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 0, 117
Decimal	1835125
CIE <sub>Lab</sub>	12.81, 45.14, -57.88
CIE <sub>LCh</sub>	13, 73.404, 307.948
Yxy	1.5312, 0.1666, 0.0691
Android (android.graphics.Color)	4280025205 (0xFF1C0075)
YUV	21.7100, 46.9780, 5.5163
Hunter-Lab	12.3743, 31.5702, -72.4595

# Details

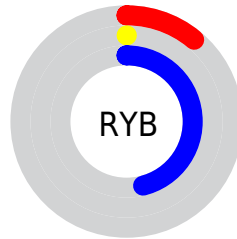
The Hex color **1C0075** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **597500**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5A33AA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **1C0075**, and if you desaturate by 10%, it is **250C75**.

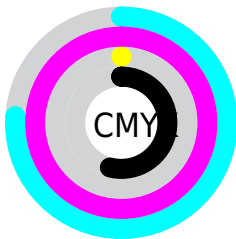
# Distribution



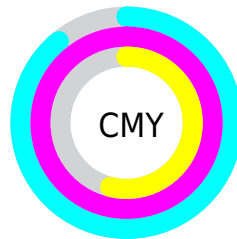
- Red (11%)
- Green (0%)
- Blue (46%)



- Red (11%)
- Yellow (0%)
- Blue (46%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (89%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C0075 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 1C0075 by changing the saturation by 10% instead.



 1C0075

 1C0075

 FFEDFF

 00005C

 5A33AA

 000043

 764BC6

 00032C

 9264E3

 000116

 AF7EFF

 000000

 CC99FF

 E9B4FF

 FFD0FF

 1C0075

■ 250C75

■ 2E1775

■ 372375

■ 402F75

■ 493B75

■ 514675

■ 5A5275

■ 635E75

■ 6C6975

# Harmonies

## Analogous

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



00288C



1C0075



610049

# Triad

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



1C0075



470A00



00302E

# Complementary

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



1C0075



597500

# 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.



002F00



1C0075



1E2400

# Square

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



1C0075



630000



002D00



003361

# Rectangle

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



1C0075



6E0027



002D00



00301C



# Sweetspot

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



1C0075



766B99



005A75



38314D



CCCCCC



4D4D4D



# Same Dimension

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



1C0075



250099



560075



36353B



1D007A



3C00FA



# Inverse Universe

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



750059



990074



1F7500



3B3539



7A005D

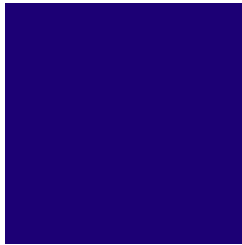


FA00BE



# Previews

## White Background



This preview shows how the Hex color 1C0075 looks on a white background.

### Color Contrast Check

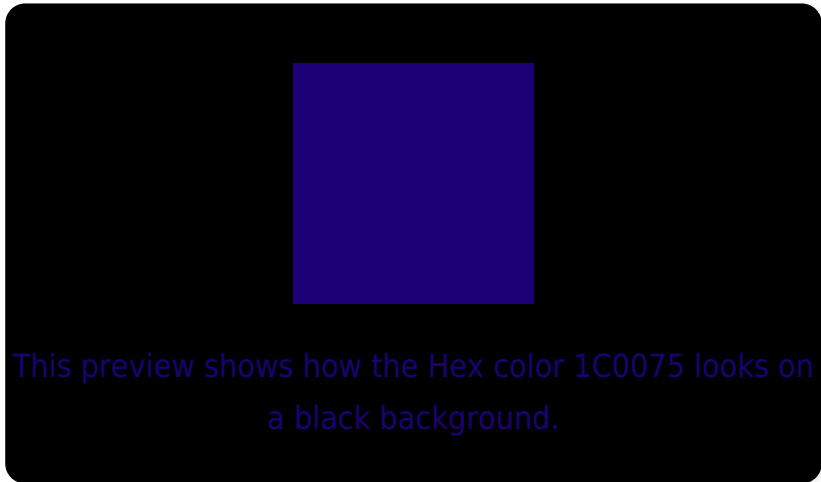
Large Text (above 18pt) WCAG AA ✓ Pass

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

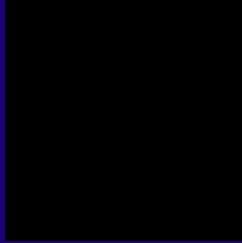
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C0075 Background



This preview shows how black text looks on a background with the Hex color 1C0075.



This preview shows how white text looks on a background with the Hex color 1C0075.

# 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**  
1C0075

**Protanopia**  
00244C

**Deuteranopia**  
002740



# Trichromacy



**Original Color**  
1C0075

**Protanomaly**  
0A175B

**Deuteranomaly**  
0A1953

**Tritanomaly**  
0A1B47

# Monochromacy



**Original Color**  
1C0075

**Achromatopsia**  
161616

**Achromatomaly**  
180E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C0075 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 #1C0075 looks like.

```
.text, #text, p{  
    color:#1C0075  
}
```

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 #1C0075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0075  
}
```

## Border

The CSS property to change the border of an element to Hex 1C0075 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  
#1C0075 }
```

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

```
.border{ border-color:#1C0075 }
```

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

Here you see how a box with a 4 pixel #1C0075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0075; -webkit-box-shadow:4px 4px  
4px 4px #1C0075; box-shadow:4px 4px 4px  
4px #1C0075 }
```

# Background

The CSS property to change the background color of an element to Hex 1C0075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0075 }
```

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

```
.background{ background-color:#1C0075 }
```

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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