

Converting Colors

Hex(1C0045)

Have a look what the booklet for
Hex(1C0045) contains.

Hex(1C0045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C0045)

Conversions

Conversions Part 1

Format	Color
Hex	1C0045
RGB	28, 0, 69
RGB Percent	11%, 0%, 27%
CMY	0.8902, 1.0000, 0.7294
CMYK	0.59, 1.00, 0.00, 0.73
HSL	264°, 100%, 14%
HSV	264°, 100%, 27%
XYZ	1.5531, 0.6765, 5.6790
YIQ	16.2380, -5.4610, 27.3950

Conversions

Conversions Part 2

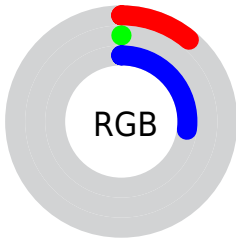
Format	Color
R_{YB}	28, 0, 69
Decimal	1835077
CIE Lab	6.11, 31.57, -36.60
CIE LCh	6, 48.337, 310.779
Yxy	0.6765, 0.1964, 0.0855
Android (android.graphics.Color)	4280025157 (0xFF1C0045)
YUV	16.2380, 26.0117, 10.3153
Hunter-Lab	8.2253, 19.3096, -35.1779




Details

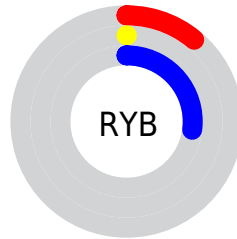
The Hex color **1C0045** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **294500**, and the grayscale version is **101010**.




A 20% lighter version of the original color is **4E2D76**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **1C0045**, and if you desaturate by 10%, it is **200745**.

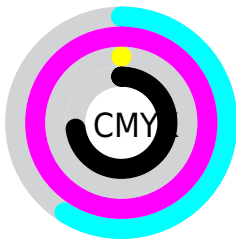
Distribution







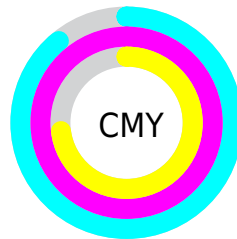
-  Red (11%)
-  Green (0%)
-  Blue (27%)






-  Red (11%)
-  Yellow (0%)
-  Blue (27%)



-  Cyan (59%)
-  Magenta (100%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (89%)
-  Magenta (100%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0045 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 1C0045 by changing the saturation by 10% instead.

 1C0045

 1C0045

 FFE2FF

 00002E

 4E2D76

 000118

 684490

 000000

 825CAB

 9D75C6

 B98FE3

 D5AAFF

 F2C5FF

 1C0045

■ 200745

■ 240E45

■ 281545

■ 2C1C45

■ 312345

■ 352945

■ 393045

■ 3D3745

■ 413E45

Harmonies

Analogous

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



001654



1C0045



3E0029

Triad

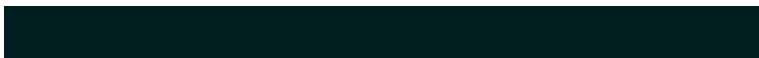
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C0045



2A0800



001E1F

Complementary

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



1C0045



294500

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.



001E00



1C0045



0B1700

Square

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



1C0045



3D0000



001E00



00203D

Rectangle

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



1C0045



450014



001E00



001E14

Sweetspot

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



1C0045



493E59



002945



241D2E



ADADAD



2E2E2E

Same Dimension

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



1C0045



240059



3E0045



222024



280063



5C00E3

Inverse Universe

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



450029



590035



074500



242022



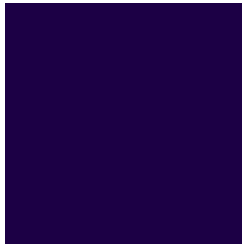
63003B



E30087

Previews

White Background



This preview shows how the Hex color 1C0045 looks on a white background.

Color Contrast Check

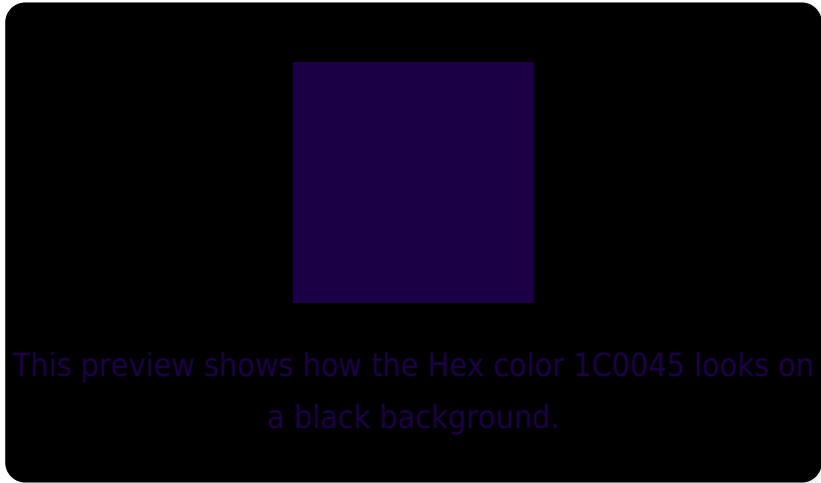
Large Text (above 18pt) WCAG AA ✓ Pass

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

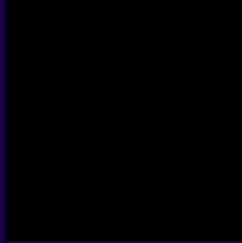
Any Text WCAG AA × Fail

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 1C0045 Background



This preview shows how black text looks on a background with the Hex color 1C0045.



This preview shows how white text looks on a background with the Hex color 1C0045.

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
1C0045

Protanopia
001832

Deuteranopia
00192A



Tritanopia
0A1B1D

Trichromacy



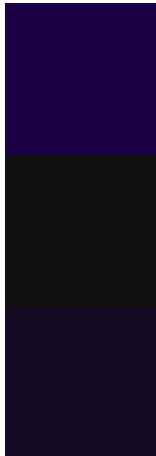
Original Color
1C0045

Protanomaly
0A0F39

Deuteranomaly
0A1034

Tritanomaly
11112C

Monochromacy



Original Color
1C0045

Achromatopsia
101010

Achromatomaly
140A23

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0045 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 #1C0045 looks like.

```
.text, #text, p{  
    color:#1C0045  
}
```

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 #1C0045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0045
}
```

Border

The CSS property to change the border of an element to Hex 1C0045 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
#1C0045 }
```

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

```
.border{ border-color:#1C0045 }
```

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

Here you see how a box with a 4 pixel #1C0045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0045; -webkit-box-shadow:4px 4px  
4px 4px #1C0045; box-shadow:4px 4px 4px  
4px #1C0045 }
```

Background

The CSS property to change the background color of an element to Hex 1C0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0045 }
```

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

```
.background{ background-color:#1C0045 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor