

Converting Colors

Hex(1C0C4A)

Have a look what the booklet for
Hex(1C0C4A) contains.

Hex(1C0C4A)	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(1C0C4A)

Conversions

Conversions Part 1

Format	Color
Hex	1C0C4A
RGB	28, 12, 74
RGB Percent	11%, 5%, 29%
CMY	0.8902, 0.9529, 0.7098
CMYK	0.62, 0.84, 0.00, 0.71
HSL	255°, 72%, 17%
HSV	255°, 84%, 29%
XYZ	1.8464, 1.0042, 6.5751
YIQ	23.8520, -10.3660, 22.6740

Conversions

Conversions Part 2

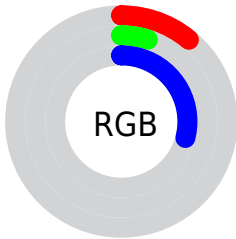
Format	Color
RYB	28, 12, 74
Decimal	1838154
CIELab	9.03, 26.54, -35.32
CIELCh	9, 44.175, 306.921
Yxy	1.0042, 0.1959, 0.1065
Android (android.graphics.Color)	4280028234 (0xFF1C0C4A)
YUV	23.8520, 24.7230, 3.6378
Hunter-Lab	10.0211, 15.3516, -31.8866

Details

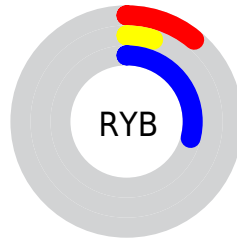
The Hex color **1C0C4A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A4A0C**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4E377C**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **17054A**, and if you desaturate by 10%, it is **21134A**.

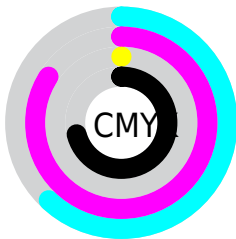
Distribution



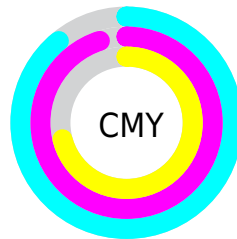
- Red (11%)
- Green (5%)
- Blue (29%)



- Red (11%)
- Yellow (5%)
- Blue (29%)



- Cyan (62%)
- Magenta (84%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0C4A 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 1C0C4A by changing the saturation by 10% instead.

■ 1C0C4A

■ 1C0C4A

■ FFEFFF

■ 070033

■ 4E377C

■ 00021D

■ 684F96

■ 000000

■ 8267B1

■ 9D80CC

■ B89AE9

■ D5B5FF

■ F1D1FF

■ 1C0C4A

■ 1C0C4A

■ 17054A

■ 21134A

■ 13004A

■ 271B4A

■ 2C224A

■ 322A4A

■ 37314A

■ 3D384A

■ 42404A

■ 48474A

■ 4D4F4A

Harmonies

Analogous

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



001C56



1C0C4A



3F0031

Triad

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



1C0C4A



330E00



002620

Complementary

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



1C0C4A



3A4A0C

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.



002500



1C0C4A



1B1B00

Square

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



1C0C4A



430000



002200



00273D

Rectangle

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



1C0C4A



48001E



002200



002615

Sweetspot

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



1C0C4A



4F4961



0C3B4A



262230



B0B0B0



303030

Same Dimension

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



1C0C4A



190061



3B0C4A



232226



1A0066



3B00E6

Inverse Universe

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



4A0C3A



610048



1B4A0C



262225



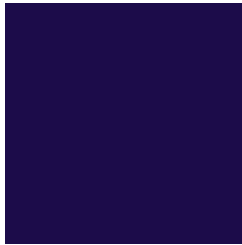
66004C



E600AA

Previews

White Background



This preview shows how the Hex color 1C0C4A looks on a white background.

Color Contrast Check

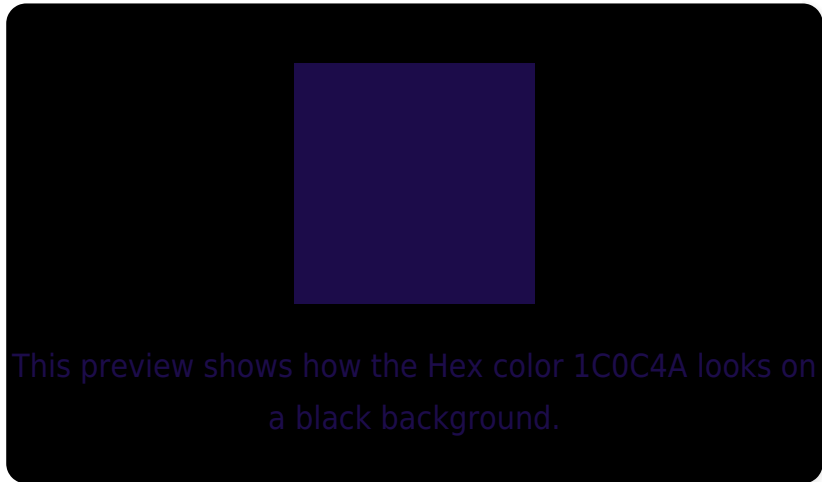
Large Text (above 18pt) WCAG AA ✓ Pass

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

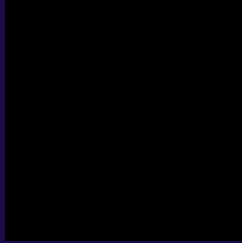
Any Text WCAG AA × Fail

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 1C0C4A Background



This preview shows how black text looks on a background with the Hex color 1C0C4A.



This preview shows how white text looks on a background with the Hex color 1C0C4A.

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

1C0C4A

Protanopia

001A37

Deuteranopia

001C2F



Tritanopia
001E21

Trichromacy



Original Color
1C0C4A

Protanomaly
0A153E

Deuteranomaly
0A1639

Tritanomaly
0A1730

Monochromacy



Original Color
1C0C4A

Achromatopsia
181818

Achromatomaly
19142A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0C4A 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 #1C0C4A looks like.

```
.text, #text, p{  
    color:#1C0C4A  
}
```

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 #1C0C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0C4A
}
```

Border

The CSS property to change the border of an element to Hex 1C0C4A 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
#1C0C4A }
```

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

```
.border{ border-color:#1C0C4A }
```

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

Here you see how a box with a 4 pixel #1C0C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0C4A; -webkit-box-shadow:4px 4px  
4px 4px #1C0C4A; box-shadow:4px 4px 4px  
4px #1C0C4A }
```

Background

The CSS property to change the background color of an element to Hex 1C0C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0C4A }
```

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

```
.background{ background-color:#1C0C4A }
```

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