

Converting Colors

Hex(1C0426)

Have a look what the booklet for
Hex(1C0426) contains.

Hex(1C0426)	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(1C0426)

Conversions

Conversions Part 1

Format	Color
Hex	1C0426
RGB	28, 4, 38
RGB Percent	11%, 2%, 15%
CMY	0.8902, 0.9843, 0.8510
CMYK	0.26, 0.89, 0.00, 0.85
HSL	282°, 81%, 8%
HSV	282°, 89%, 15%
XYZ	0.8722, 0.4736, 1.8792
YIQ	15.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

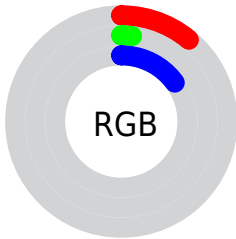
Format	Color
R_{YB}	28, 4, 38
Decimal	1836070
CIE Lab	4.28, 17.27, -16.72
CIE LCh	4, 24.040, 315.925
Yxy	0.4736, 0.2704, 0.1469
Android (android.graphics.Color)	4280026150 (0xFF1C0426)
YUV	15.0520, 11.3134, 11.3554
Hunter-Lab	6.8822, 10.5767, -11.3715

Details

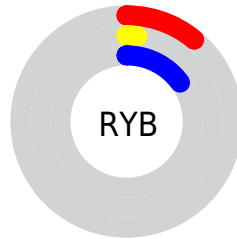
The Hex color **1C0426** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **0E2604**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **473153**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0026**, and if you desaturate by 10%, it is **1D0826**.

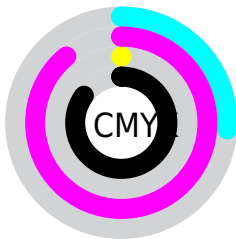
Distribution



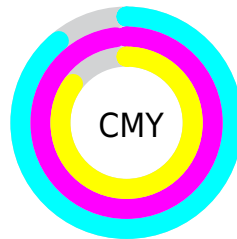
- Red (11%)
- Green (2%)
- Blue (15%)



- Red (11%)
- Yellow (2%)
- Blue (15%)



- Cyan (26%)
- Magenta (89%)
- Yellow (0%)
- Black (85%)



- Cyan (89%)
- Magenta (98%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0426 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 1C0426 by changing the saturation by 10% instead.

■ 1C0426

■ 1C0426

■ FFE5FF

■ 000110

■ 473153

■ 000000

■ 5F486B

■ 786085

■ 92799F

■ AD92BA

■ C9ADD6

■ E5C9F2

■ 1C0426

■ 1C0426

■ 1B0026

■ 1D0826

■ 1E0C26

■ 1F0F26

■ 201326

■ 221726

■ 231B26

■ 241F26

■ 252226

■ 262626

Harmonies

Analogous

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



000D2E



1C0426



280018

Triad

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



1C0426



1C0A00



001818

Complementary

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



1C0426



0E2604

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.



001801



1C0426



071200

Square

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



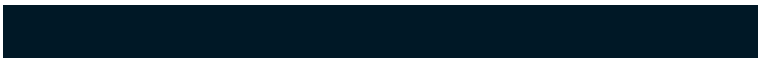
1C0426



270200



001700



001826

Rectangle

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



1C0426



2C000B



001700



001813

Sweetspot

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



1C0426



2D2330



040E26



17111A



999999



1A1A1A

Same Dimension

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



1C0426



220030



26041F



111012



3A0052



9400D1

Inverse Universe

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



26040E



30000E



04260B



121011



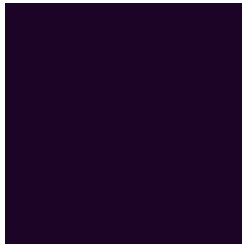
520018



D1003D

Previews

White Background



This preview shows how the Hex color 1C0426 looks on a white background.

Color Contrast Check

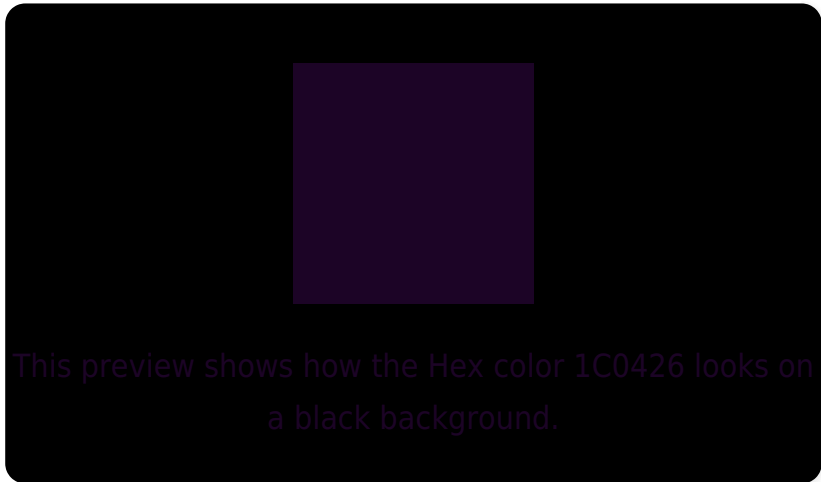
Large Text (above 18pt) WCAG AA ✓ Pass

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

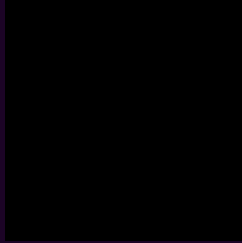
Any Text WCAG AA × Fail

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 1C0426 Background



This preview shows how black text looks on a background with the Hex color 1C0426.



This preview shows how white text looks on a background with the Hex color 1C0426.

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

1C0426

Protanopia

001124

Deuteranopia

001220



Tritanopia
190F10

Trichromacy



Original Color
1C0426

Protanomaly
0A0C25

Deuteranomaly
0A0D22

Tritanomaly
1A0B18

Monochromacy



Original Color
1C0426

Achromatopsia
0F0F0F

Achromatomaly
140B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0426 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 #1C0426 looks like.

```
.text, #text, p{  
    color:#1C0426  
}
```

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 #1C0426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0426
}
```

Border

The CSS property to change the border of an element to Hex 1C0426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

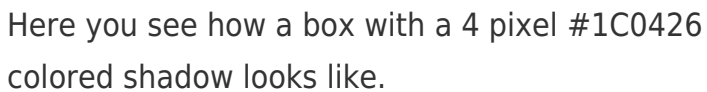
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C0426 }
```

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

```
.border{ border-color:#1C0426 }
```

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



Here you see how a box with a 4 pixel #1C0426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0426; -webkit-box-shadow:4px 4px  
4px 4px #1C0426; box-shadow:4px 4px 4px  
4px #1C0426 }
```

Background

The CSS property to change the background color of an element to Hex 1C0426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0426 }
```

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

```
.background{ background-color:#1C0426 }
```

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