

Converting Colors

Hex(000C1E)

Have a look what the booklet for
Hex(000C1E) contains.

Hex(000C1E)	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(000C1E)

Conversions

Conversions Part 1

Format	Color
Hex	000C1E
RGB	0, 12, 30
RGB Percent	0%, 5%, 12%
CMY	1.0000, 0.9529, 0.8824
CMYK	1.00, 0.60, 0.00, 0.88
HSL	216°, 100%, 6%
HSV	216°, 100%, 12%
XYZ	0.3658, 0.3567, 1.2779
YIQ	10.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

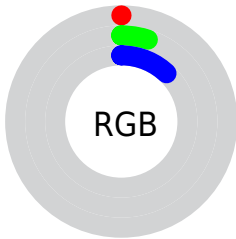
Format	Color
RYB	0, 9, 30
Decimal	3102
CIELab	3.22, 1.10, -12.31
CIELCh	3, 12.358, 275.097
Yxy	0.3567, 0.1829, 0.1783
Android (android.graphics.Color)	4278193182 (0xFF000C1E)
YUV	10.4640, 9.6312, -9.1769
Hunter-Lab	5.9723, 0.4820, -8.5054

Details

The Hex color **000C1E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1E1200**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **2E384A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000C1E**, and if you desaturate by 10%, it is **030E1E**.

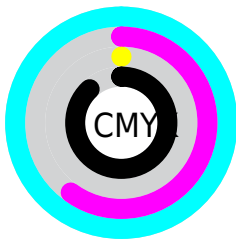
Distribution



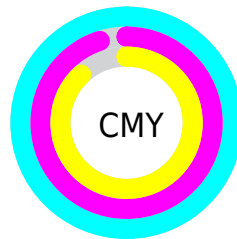
- Red (0%)
- Green (5%)
- Blue (12%)



- Red (0%)
- Yellow (4%)
- Blue (12%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (88%)



- Cyan (100%)
- Magenta (95%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000C1E 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 000C1E by changing the saturation by 10% instead.

■ 000C1E

■ 000C1E

■ E2ECFF

■ 000002

■ 2E384A

■ 000000

■ 454E61

■ 5D667A

■ 767F94

■ 9099AF

■ AAB4CA

■ C6D0E6

■ 000C1E

■ 030E1E

■ 06101E

■ 09111E

■ 0C131E

■ 0F151E

■ 12171E

■ 15191E

■ 181A1E

■ 1B1C1E

Harmonies

Analogous

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



00101C



000C1E



11071B

Triad

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



000C1E



1F0300



001200

Complementary

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



000C1E



1E1200

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.



001000



000C1E



190700

Square

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



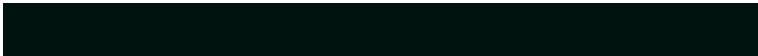
000C1E



1F020A



0F0C00



00130E

Rectangle

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



000C1E



180518



0F0C00



001100

Sweetspot

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



000C1E



1B1F26



001E12



0D1014



949494



141414

Same Dimension

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



000C1E



000F26



03001E



0E0E0F



00204F



0053CF

Inverse Universe

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



1E000C



26000F



1B1E00



0F0E0E



4F0020



CF0053

Previews

White Background



This preview shows how the Hex color 000C1E looks on a white background.

Color Contrast Check

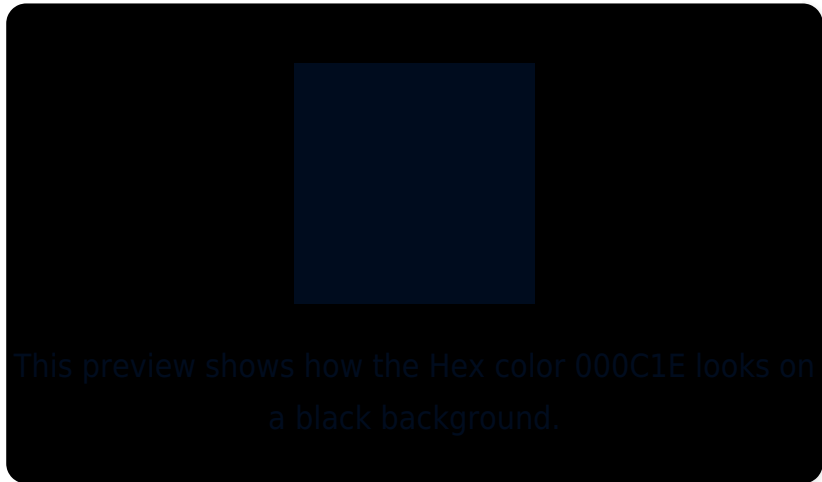
Large Text (above 18pt) WCAG AA ✓ Pass

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

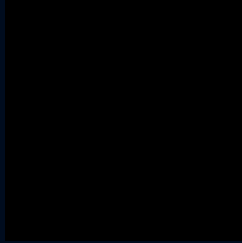
Any Text WCAG AA × Fail

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 000C1E Background



This preview shows how black text looks on a background with the Hex color 000C1E.



This preview shows how white text looks on a background with the Hex color 000C1E.

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
000C1E

Protanopia
000D1B

Deuteranopia
000E17



Tritanopia
000F10

Trichromacy



Original Color
000C1E

Protanomaly
000D1C

Deuteranomaly
000D1A

Tritanomaly
000E15

Monochromacy



Original Color
000C1E

Achromatopsia
0A0A0A

Achromatomaly
060B11

CSS Examples

Text

The CSS property to change the color of the text to Hex 000C1E 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 #000C1E looks like.

```
.text, #text, p{  
    color:#000C1E  
}
```

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 #000C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C1E
}
```

Border

The CSS property to change the border of an element to Hex 000C1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

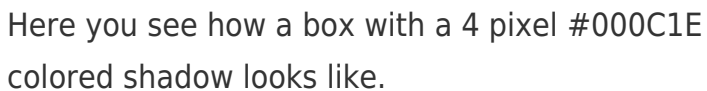
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000C1E }
```

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

```
.border{ border-color:#000C1E }
```

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



Here you see how a box with a 4 pixel #000C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C1E; -webkit-box-shadow:4px 4px  
4px 4px #000C1E; box-shadow:4px 4px 4px  
4px #000C1E }
```

Background

The CSS property to change the background color of an element to Hex 000C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C1E }
```

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

```
.background{ background-color:#000C1E }
```

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