

Converting Colors

Hex(002C10)

Have a look what the booklet for
Hex(002C10) contains.

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Color

Hex(002C10)

Conversions

Conversions Part 1

Format	Color
Hex	002C10
RGB	0, 44, 16
RGB Percent	0%, 17%, 6%
CMY	1.0000, 0.8275, 0.9373
CMYK	1.00, 0.00, 0.64, 0.83
HSL	142°, 100%, 9%
HSV	142°, 100%, 17%
XYZ	0.9942, 1.8388, 0.7927
YIQ	27.6520, -17.2360, -18.0360

Conversions

Conversions Part 2

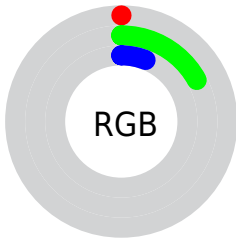
Format	Color
RYB	0, 32, 44
Decimal	11280
CIELab	14.62, -22.62, 13.86
CIELCh	15, 26.532, 148.498
Yxy	1.8388, 0.2742, 0.5071
Android (android.graphics.Color)	4278201360 (0xFF002C10)
YUV	27.6520, -5.7444, -24.2508
Hunter-Lab	13.5601, -10.6429, 6.0260

Details

The Hex color **002C10** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C001C**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **305A3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002C10**, and if you desaturate by 10%, it is **042C13**.

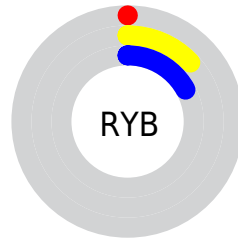
Distribution



Red (0%)

Green (17%)

Blue (6%)



Red (0%)

Yellow (13%)

Blue (17%)

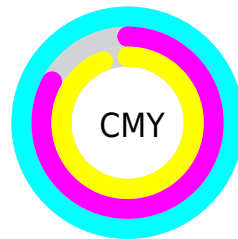


Cyan (100%)

Magenta (0%)

Yellow (64%)

Black (83%)



Cyan (100%)

Magenta (83%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002C10 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 002C10 by changing the saturation by 10% instead.

 002C10

 002C10

 E8FFF0

 001900

 305A3B

 000000

 487352

 618D6A

 7AA783

 95C39D

 B0DFB8

 CBFBD4

 002C10

■ 042C13

■ 092C16

■ 0D2C18

■ 122C1B

■ 162C1E

■ 1A2C21

■ 1F2C24

■ 232C26

■ 282C29

Harmonies

Analogous

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



1E2900



002C10



002D23

Triad

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



002C10



00274A



451514

Complementary

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



002C10



2C001C

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.



451227



002C10



222046

Square

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



002C10



002C44



3A1839



3D1C00

Rectangle

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



002C10



002E30



3A1839



46131A

Sweetspot

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



002C10



27382D



1D2C00



121C16



9C9C9C



1C1C1C

Same Dimension

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



002C10



003814



002C25



151715



005720



00D64E

Inverse Universe

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



2C001C



380024



2C0007



171516



570037



D60088

Previews

White Background



This preview shows how the Hex color 002C10 looks on a white background.

Color Contrast Check

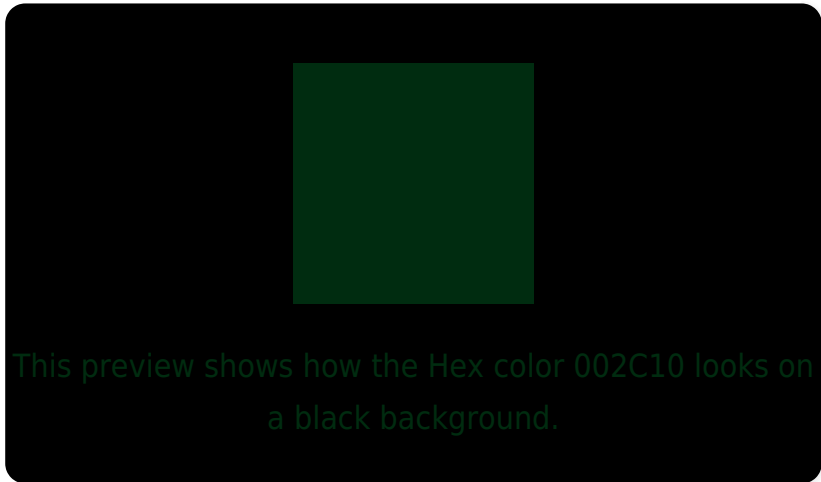
Large Text (above 18pt) WCAG AA ✓ Pass

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

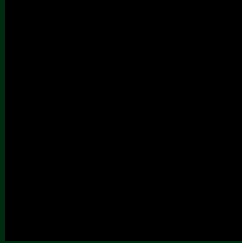
Any Text WCAG AA × Fail

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 002C10 Background



This preview shows how black text looks on a background with the Hex color 002C10.



This preview shows how white text looks on a background with the Hex color 002C10.

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
002C10

Protanopia
2A260E

Deuteranopia
2F2412



Tritanopia
12292D

Trichromacy



Original Color
002C10

Protanomaly
1B280F

Deuteranomaly
1E2711

Tritanomaly
0B2A22

Monochromacy



Original Color
002C10

Achromatopsia
1C1C1C

Achromatomaly
122218

CSS Examples

Text

The CSS property to change the color of the text to Hex 002C10 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 #002C10 looks like.

```
.text, #text, p{  
    color:#002C10  
}
```

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 #002C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C10
}
```

Border

The CSS property to change the border of an element to Hex 002C10 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
#002C10 }
```

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

```
.border{ border-color:#002C10 }
```

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

Here you see how a box with a 4 pixel #002C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C10; -webkit-box-shadow:4px 4px  
4px 4px #002C10; box-shadow:4px 4px 4px  
4px #002C10 }
```

Background

The CSS property to change the background color of an element to Hex 002C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C10 }
```

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

```
.background{ background-color:#002C10 }
```

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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