

Converting Colors

Hex(004C10)

Have a look what the booklet for
Hex(004C10) contains.

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Color

Hex(004C10)

Conversions

Conversions Part 1

Format	Color
Hex	004C10
RGB	0, 76, 16
RGB Percent	0%, 30%, 6%
CMY	1.0000, 0.7020, 0.9373
CMYK	1.00, 0.00, 0.79, 0.70
HSL	133°, 100%, 15%
HSV	133°, 100%, 30%
XYZ	2.6780, 5.2063, 1.3540
YIQ	46.4360, -26.0360, -34.7720

Conversions

Conversions Part 2

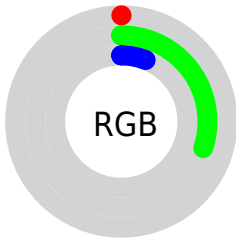
Format	Color
RYB	0, 63, 76
Decimal	19472
CIELab	27.31, -34.56, 28.34
CIELCh	27, 44.693, 140.639
Yxy	5.2063, 0.2899, 0.5636
Android (android.graphics.Color)	4278209552 (0xFF004C10)
YUV	46.4360, -15.0049, -40.7244
Hunter-Lab	22.8173, -18.9805, 12.4538

Details

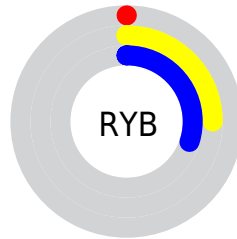
The Hex color **004C10** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4C003C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3E7E3E**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **004C10**, and if you desaturate by 10%, it is **084C16**.

Distribution



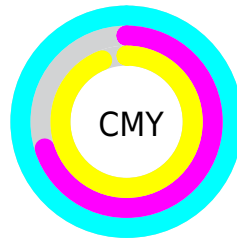
- Red (0%)
- Green (30%)
- Blue (6%)



- Red (0%)
- Yellow (25%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C10 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 004C10 by changing the saturation by 10% instead.

 004C10

 004C10

 FEFFF7

 003400

 3E7E3E

 002100

 589856

 000000

 72B36F

 8DCF89

 A8EBA3

 C4FFBF

 E1FFDB

 004C10

■ 084C16

■ 0F4C1C

■ 174C22

■ 1E4C28

■ 264C2E

■ 2E4C34

■ 354C3A

■ 3D4C40

■ 444C46

Harmonies

Analogous

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



394600



004C10



004F34

Triad

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



004C10



004885



7C1B2B

Complementary

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



004C10



4C003C

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.



771A4D



004C10



233C81

Square

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



004C10



004E75



5E2B6C



702C09

Rectangle

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



004C10



00504C



5E2B6C



7C1836

Sweetspot

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



004C10



46634C



3D4C00



213325



B3B3B3



333333

Same Dimension

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



004C10



006315



004C35



222623



006615



00E630

Inverse Universe

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



4C003C



63004F



4C0017



262225



660051



E600B5

Previews

White Background



This preview shows how the Hex color 004C10 looks on a white background.

Color Contrast Check

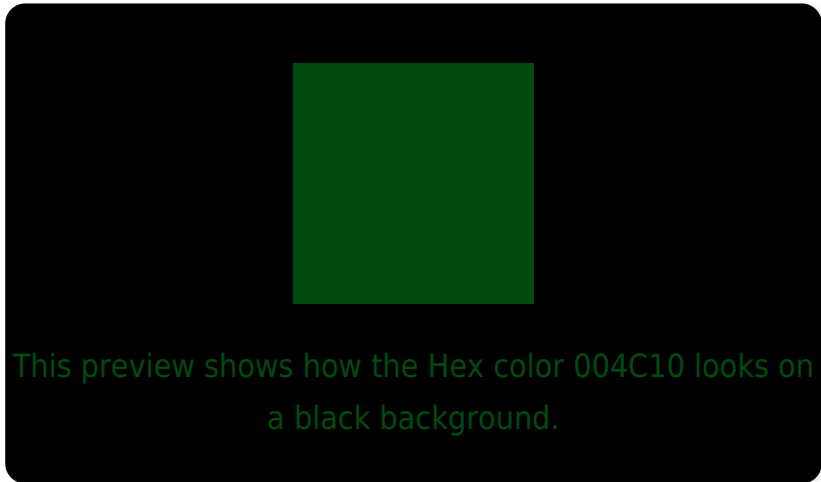
Large Text (above 18pt) WCAG AA ✓ Pass

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

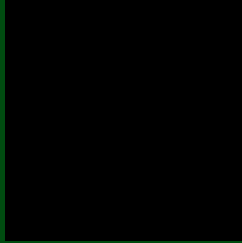
Any Text WCAG AA × Fail

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 004C10 Background



This preview shows how black text looks on a background with the Hex color 004C10.



This preview shows how white text looks on a background with the Hex color 004C10.

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](#).

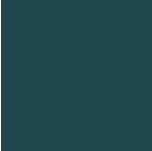
Dichromacy



Original Color
004C10

Protanopia
49410D

Deuteranopia
513E17



Tritanopia
1F474D

Trichromacy



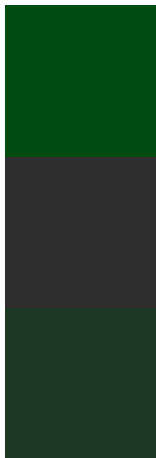
Original Color
004C10

Protanomaly
2E450E

Deuteranomaly
344314

Tritanomaly
144937

Monochromacy



Original Color
004C10

Achromatopsia
2E2E2E

Achromatomaly
1D3923

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C10 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 #004C10 looks like.

```
.text, #text, p{  
    color:#004C10  
}
```

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 #004C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C10
}
```

Border

The CSS property to change the border of an element to Hex 004C10 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
#004C10 }
```

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

```
.border{ border-color:#004C10 }
```

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

Here you see how a box with a 4 pixel #004C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C10; -webkit-box-shadow:4px 4px  
4px 4px #004C10; box-shadow:4px 4px 4px  
4px #004C10 }
```

Background

The CSS property to change the background color of an element to Hex 004C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C10 }
```

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

```
.background{ background-color:#004C10 }
```

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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