

Converting Colors

Hex(076213)

Have a look what the booklet for
Hex(076213) contains.

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Color

Hex(076213)

Conversions

Conversions Part 1

Format	Color
Hex	076213
RGB	7, 98, 19
RGB Percent	3%, 38%, 7%
CMY	0.9725, 0.6157, 0.9255
CMYK	0.93, 0.00, 0.81, 0.62
HSL	128°, 87%, 21%
HSV	128°, 93%, 38%
XYZ	4.5728, 8.8276, 2.0790
YIQ	61.7850, -28.8770, -43.8610

Conversions

Conversions Part 2

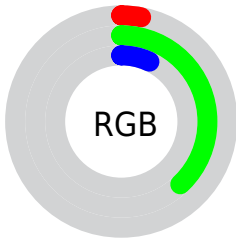
Format	Color
RYB	7, 87, 98
Decimal	483859
CIELab	35.65, -40.78, 35.60
CIELCh	36, 54.128, 138.881
Yxy	8.8276, 0.2954, 0.5703
Android (android.graphics.Color)	4278673939 (0xFF076213)
YUV	61.7850, -21.0930, -48.0464
Hunter-Lab	29.7112, -24.5217, 16.6492

Details

The Hex color **076213** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **620756**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **499644**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **00620D**, and if you desaturate by 10%, it is **11621C**.

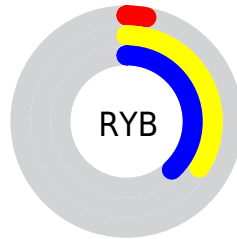
Distribution



 Red (3%)


 Green (38%)

 Blue (7%)




 Red (3%)

 Yellow (34%)

 Blue (38%)

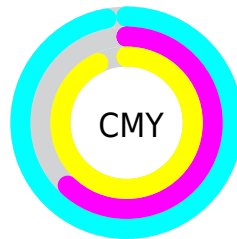


 Cyan (93%)

 Magenta (0%)

 Yellow (81%)

 Black (62%)



 Cyan (97%)

 Magenta (62%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076213 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 076213 by changing the saturation by 10% instead.

 076213

 076213

FFFFFF

 004900

 499644

 003200

 64B15D

 001C00

 7FCD76

 000000

 9BE991

 B7FFAC

 D4FFC7

 F1FFE4

 076213

 076213

■ 00620D

■ 11621C

■ 1B6224

■ 24622D

■ 2E6235

■ 38623E

■ 426246

■ 4C624F

■ 556257

■ 5F6260

Harmonies

Analogous

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



4D5A00



076213



006642

Triad

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



076213



005EAA



9F223B

Complementary

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



076213



620756

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.



982366



076213



254FA7

Square

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



076213



006595



773A8D



903811

Rectangle

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



076213



006760



773A8D



9F1F49

Sweetspot

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



076213



5C8061



576207



2A402D



BFBFBF



404040

Same Dimension

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



076213



008011



07623F



2C302C



00700F



00F020

Inverse Universe

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



620756



80006F



62072A



302C30



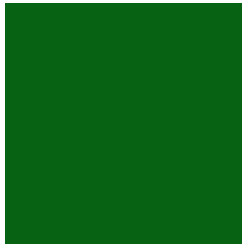
700061



F000D0

Previews

White Background



This preview shows how the Hex color 076213 looks on a white background.

Color Contrast Check

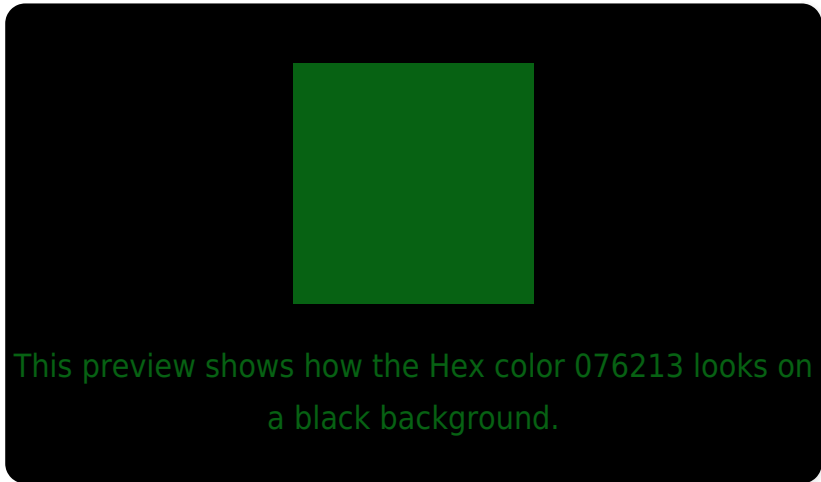
Large Text (above 18pt) WCAG AA ✓ Pass

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

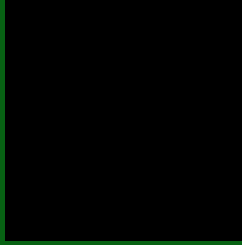
Any Text WCAG AA × Fail

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 076213 Background



This preview shows how black text looks on a background with the Hex color 076213.



This preview shows how white text looks on a background with the Hex color 076213.

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
076213

Protanopia
5E540F

Deuteranopia
69501C



Tritanopia
295B63

Trichromacy



Original Color
076213



Protanomaly
3E5910



Deuteranomaly
455719

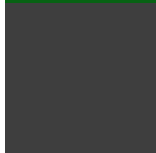


Tritanomaly
1D5E46

Monochromacy



Original Color
076213



Achromatopsia
3E3E3E



Achromatomaly
2A4B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 076213 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 #076213 looks like.

```
.text, #text, p{  
    color:#076213  
}
```

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 #076213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076213
}
```

Border

The CSS property to change the border of an element to Hex 076213 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
#076213 }
```

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

```
.border{ border-color:#076213 }
```

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

Here you see how a box with a 4 pixel #076213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076213; -webkit-box-shadow:4px 4px  
4px 4px #076213; box-shadow:4px 4px 4px  
4px #076213 }
```

Background

The CSS property to change the background color of an element to Hex 076213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076213 }
```

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

```
.background{ background-color:#076213 }
```

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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