

Converting Colors

Hex(0D4016)

Have a look what the booklet for
Hex(0D4016) contains.

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Color

Hex(0D4016)

Conversions

Conversions Part 1

Format	Color
Hex	0D4016
RGB	13, 64, 22
RGB Percent	5%, 25%, 9%
CMY	0.9490, 0.7490, 0.9137
CMYK	0.80, 0.00, 0.66, 0.75
HSL	131°, 66%, 15%
HSV	131°, 80%, 25%
XYZ	2.1442, 3.8103, 1.3815
YIQ	43.9630, -16.9140, -23.8740

Conversions

Conversions Part 2

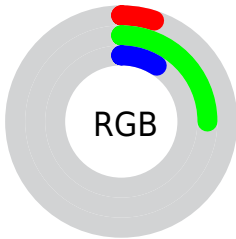
Format	Color
R_{YB}	13, 56, 64
Decimal	868374
CIE Lab	23.03, -26.97, 20.65
CIE LCh	23, 33.970, 142.557
Yxy	3.8103, 0.2923, 0.5194
Android (android.graphics.Color)	4279058454 (0xFF0D4016)
YUV	43.9630, -10.8278, -27.1546
Hunter-Lab	19.5200, -14.5524, 9.4678

Details

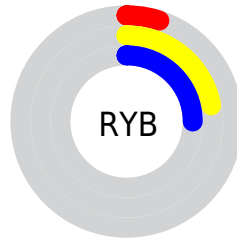
The Hex color **0D4016** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **400D37**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **407042**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **074011**, and if you desaturate by 10%, it is **13401B**.

Distribution



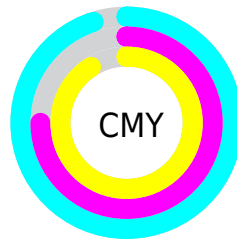
- Red (5%)
- Green (25%)
- Blue (9%)



- Red (5%)
- Yellow (22%)
- Blue (25%)



- Cyan (80%)
- Magenta (0%)
- Yellow (66%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4016 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 0D4016 by changing the saturation by 10% instead.

 0D4016

 0D4016

 FDFFFB

 002900

 407042

 001300

 598A5A

 000000

 72A573

 8DC08D

 A8DCA7

 C3F9C2

 E0FFDE

 0D4016

 0D4016

■ 074011

■ 13401B

■ 00400B

■ 1A4021

■ 204026

■ 27402B

■ 2D4030

■ 334036

■ 3A403B

■ 404040

■ 474045

Harmonies

Analogous

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



313B00



0D4016



004230

Triad

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



0D4016



003C69



641F25

Complementary

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



0D4016



400D37

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.



611E3E



0D4016



2A3366

Square

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



0D4016



00415F



4F2756



5A290E

Rectangle

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



0D4016



004341



4F2756



641D2D

Sweetspot

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



0D4016



405444



38400D



1F2B21



ABABAB



2B2B2B

Same Dimension

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



0D4016



035412



0D402F



1E211E



006111



00E028

Inverse Universe

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



400D37



540346



400D1E



211E21



610050



E000B9

Previews

White Background



This preview shows how the Hex color 0D4016 looks on a white background.

Color Contrast Check

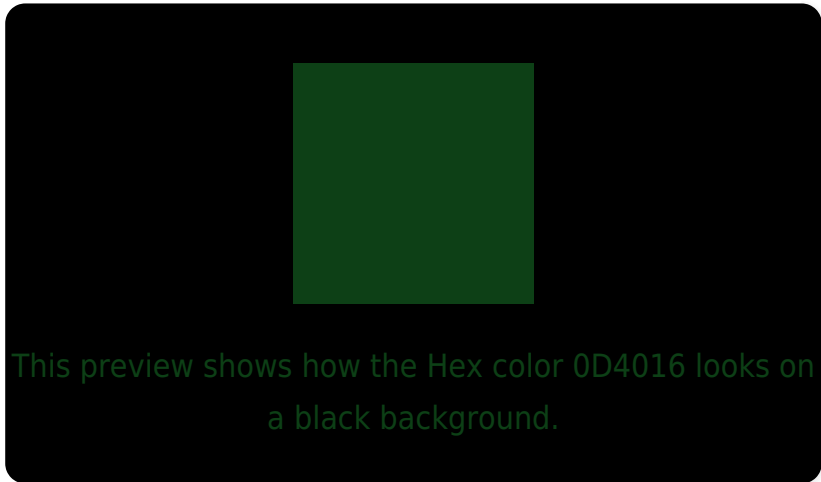
Large Text (above 18pt) WCAG AA ✓ Pass

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

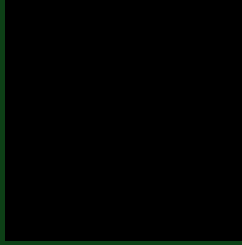
Any Text WCAG AA × Fail

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 0D4016 Background



This preview shows how black text looks on a background with the Hex color 0D4016.



This preview shows how white text looks on a background with the Hex color 0D4016.

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
0D4016

Protanopia
3E3714

Deuteranopia
44341A

Trichromacy



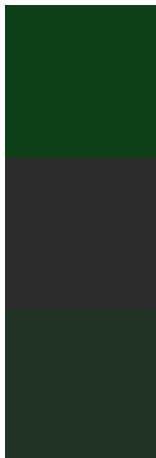
Original Color
0D4016

Protanomaly
2C3A15

Deuteranomaly
303819

Tritanomaly
173D31

Monochromacy



Original Color
0D4016

Achromatopsia
2C2C2C

Achromatomaly
213324

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4016 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 #0D4016 looks like.

```
.text, #text, p{  
    color:#0D4016  
}
```

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 #0D4016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4016
}
```

Border

The CSS property to change the border of an element to Hex 0D4016 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
#0D4016 }
```

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

```
.border{ border-color:#0D4016 }
```

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

Here you see how a box with a 4 pixel #0D4016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4016; -webkit-box-shadow:4px 4px  
4px 4px #0D4016; box-shadow:4px 4px 4px  
4px #0D4016 }
```

Background

The CSS property to change the background color of an element to Hex 0D4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4016 }
```

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

```
.background{ background-color:#0D4016 }
```

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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