

Converting Colors

Hex(0D9016)

Have a look what the booklet for
Hex(0D9016) contains.

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Color

Hex(0D9016)

Conversions

Conversions Part 1

Format	Color
Hex	0D9016
RGB	13, 144, 22
RGB Percent	5%, 56%, 9%
CMY	0.9490, 0.4353, 0.9137
CMYK	0.91, 0.00, 0.85, 0.44
HSL	124°, 83%, 31%
HSV	124°, 91%, 56%
XYZ	10.2841, 20.0900, 4.0948
YIQ	90.9230, -38.9140, -65.7140

Conversions

Conversions Part 2

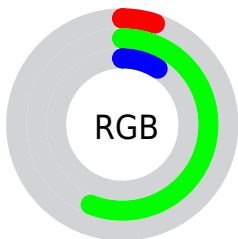
Format	Color
RYB	13, 136, 144
Decimal	888854
CIELab	51.94, -54.58, 50.13
CIELCh	52, 74.109, 137.436
Yxy	20.0900, 0.2984, 0.5828
Android (android.graphics.Color)	4279078934 (0xFF0D9016)
YUV	90.9230, -33.9790, -68.3385
Hunter-Lab	44.8219, -37.4828, 25.9588

Details

The Hex color **0D9016** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **900D87**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59C74E**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **00900A**, and if you desaturate by 10%, it is **1B9023**.

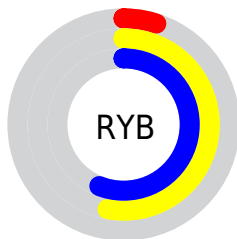
Distribution



Red (5%)

Green (56%)

Blue (9%)



Red (5%)

Yellow (53%)

Blue (56%)

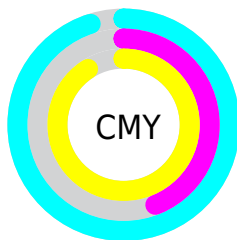


Cyan (91%)

Magenta (0%)

Yellow (85%)

Black (44%)



Cyan (95%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D9016 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 0D9016 by changing the saturation by 10% instead.



0D9016



0D9016

FFFFFF



007600



59C74E



005C00



77E468



004300



94FF83



002D00



B2FF9E



000D00



CFFFBA



000000



EDFFD6



FFFFFF3



0D9016



0D9016

■ 00900A

■ 1B9023

■ 2A9031

■ 38903E

■ 47904C

■ 559059

■ 639066

■ 729074

■ 809081

■ 8F908F

Harmonies

Analogous

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



738400



0D9016



00965E

Triad

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



0D9016



008BF9



E92E5A

Complementary

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



0D9016



900D87

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.



DE3299



0D9016



1C77F6

Square

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



0D9016



0095D9



AB57D3



D5501C

Rectangle

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



0D9016



00978B



AB57D3



E9296F

Sweetspot

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



0D9016



88BA8B



87900D



405E42



DEDEDE



5E5E5E

Same Dimension

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



0D9016



00BA0D



0D9057



404741



008709



000801

Inverse Universe

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



900D87



BA00AD



900D46



474047



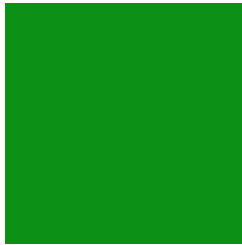
87007E



080007

Previews

White Background



This preview shows how the Hex color 0D9016 looks on a white background.

Color Contrast Check

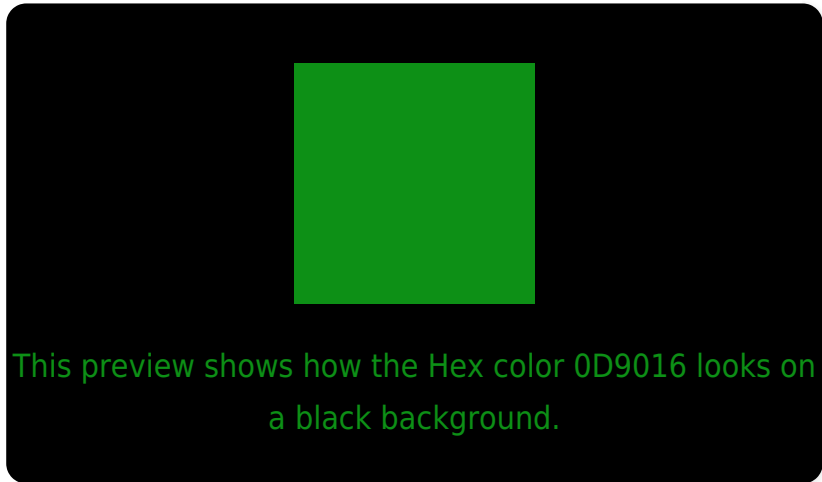
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0D9016 Background



This preview shows how black text looks on a background with the Hex color 0D9016.



This preview shows how white text looks on a background with the Hex color 0D9016.

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
0D9016

Protanopia
8B7B10

Deuteranopia
9A7525



Tritanopia
3D8691

Trichromacy



Original Color
0D9016



Protanomaly
5D8312



Deuteranomaly
677F20



Tritanomaly
2C8A64

Monochromacy



Original Color
0D9016



Achromatopsia
5B5B5B



Achromatomaly
3F6E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D9016 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 #0D9016 looks like.

```
.text, #text, p{  
    color:#0D9016  
}
```

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 #0D9016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9016
}
```

Border

The CSS property to change the border of an element to Hex 0D9016 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
#0D9016 }
```

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

```
.border{ border-color:#0D9016 }
```

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

Here you see how a box with a 4 pixel #0D9016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9016; -webkit-box-shadow:4px 4px  
4px 4px #0D9016; box-shadow:4px 4px 4px  
4px #0D9016 }
```

Background

The CSS property to change the background color of an element to Hex 0D9016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9016 }
```

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

```
.background{ background-color:#0D9016 }
```

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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