

Converting Colors

Hex(016904)

Have a look what the booklet for
Hex(016904) contains.

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Color

Hex(016904)

Conversions

Conversions Part 1

Format	Color
Hex	016904
RGB	1, 105, 4
RGB Percent	0%, 41%, 2%
CMY	0.9961, 0.5882, 0.9843
CMYK	0.99, 0.00, 0.96, 0.59
HSL	122°, 98%, 21%
HSV	122°, 99%, 41%
XYZ	5.0860, 10.1184, 1.7998
YIQ	62.3900, -29.5630, -53.4590

Conversions

Conversions Part 2

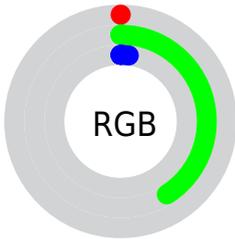
Format	Color
RYB	1, 102, 105
Decimal	92420
CIELab	38.05, -44.58, 42.25
CIELCh	38, 61.417, 136.535
Yxy	10.1184, 0.2991, 0.5951
Android (android.graphics.Color)	4278282500 (0xFF016904)
YUV	62.3900, -28.7863, -53.8390
Hunter-Lab	31.8094, -27.1260, 18.9118

Details

The Hex color **016904** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **690166**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4A9D3C**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **006903**, and if you desaturate by 10%, it is **0B690E**.

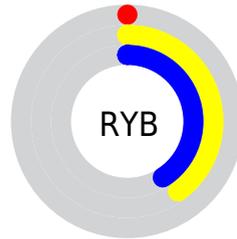
Distribution



Red (0%)

Green (41%)

Blue (2%)



Red (0%)

Yellow (40%)

Blue (41%)

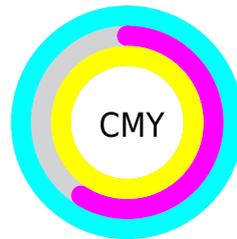


Cyan (99%)

Magenta (0%)

Yellow (96%)

Black (59%)



Cyan (100%)

Magenta (59%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016904 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 016904 by changing the saturation by 10% instead.

 016904

 016904

 FFFFF9

 005000

 4A9D3C

 003800

 66B955

 002300

 81D56F

 000000

 9DF189

 BAFFA4

 D7FFC0

 F4FFDC

 016904

 016904

■ 006903

■ 0B690E

■ 166918

■ 216923

■ 2B692D

■ 356937

■ 406941

■ 4A694B

■ 556956

■ 606960

Harmonies

Analogous

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



546000



016904



006D41

Triad

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



016904



0066BB



AF1841

Complementary

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



016904



690166

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.



A51D72



016904



0056BA

Square

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



016904



006DA1



7C3D9F



A0360F

Rectangle

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



016904



006F64



7C3D9F



AF1251

Sweetspot

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



016904



608A62



676901



2C452D



C4C4C4



454545

Same Dimension

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



016904



008A04



016937



303630



007503



00F507

Inverse Universe

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



690166



8A0086



690133



363035



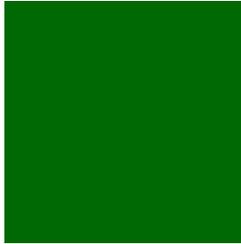
750072



F500EE

Previews

White Background



This preview shows how the Hex color 016904 looks on a white background.

Color Contrast Check

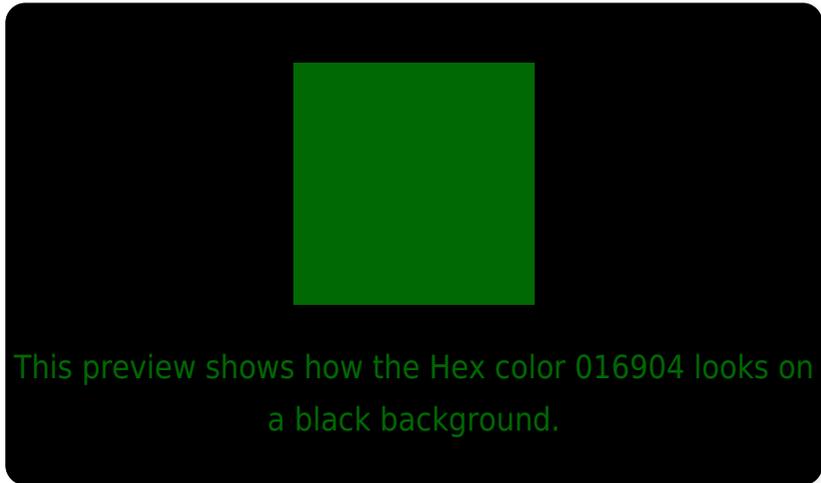
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 016904 Background



This preview shows how black text looks on a background with the Hex color 016904.



This preview shows how white text looks on a background with the Hex color 016904.

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
016904

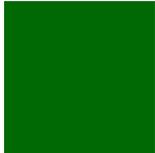
Protanopia
655A00

Deuteranopia
715517



Tritanopia
2C626A

Trichromacy



Original Color

016904



Protanomaly

415F01



Deuteranomaly

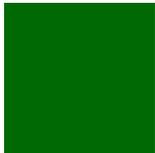
485C10



Tritanomaly

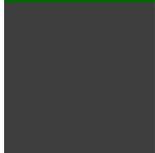
1C6545

Monochromacy



Original Color

016904



Achromatopsia

3E3E3E



Achromatomaly

284E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 016904 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 #016904 looks like.

```
.text, #text, p{  
    color:#016904  
}
```

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 #016904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016904
}
```

Border

The CSS property to change the border of an element to Hex 016904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

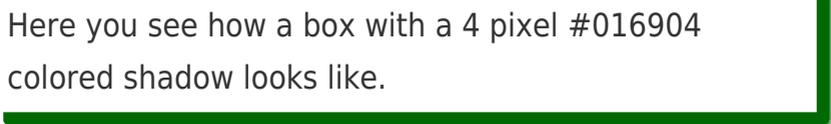
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#016904 }
```

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

```
.border{ border-color:#016904 }
```

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



Here you see how a box with a 4 pixel #016904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016904; -webkit-box-shadow:4px 4px  
4px 4px #016904; box-shadow:4px 4px 4px  
4px #016904 }
```

Background

The CSS property to change the background color of an element to Hex 016904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016904 }
```

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

```
.background{ background-color:#016904 }
```

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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