

Converting Colors

Hex(016200)

Have a look what the booklet for
Hex(016200) contains.

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Color

Hex(016200)

Conversions

Conversions Part 1

Format	Color
Hex	016200
RGB	1, 98, 0
RGB Percent	0%, 38%, 0%
CMY	0.9961, 0.6157, 1.0000
CMYK	0.99, 0.00, 1.00, 0.62
HSL	119°, 100%, 19%
HSV	119°, 100%, 38%
XYZ	4.3802, 8.7418, 1.4565
YIQ	57.8250, -26.3540, -51.0420

Conversions

Conversions Part 2

Format	Color
RYB	0, 98, 97
Decimal	90624
CIELab	35.48, -42.64, 41.29
CIELCh	35, 59.356, 135.927
Yxy	8.7418, 0.3005, 0.5996
Android (android.graphics.Color)	4278280704 (0xFF016200)
YUV	57.8250, -28.5077, -49.8355
Hunter-Lab	29.5666, -25.2972, 17.7759

Details

The Hex color **016200** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **610062**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **489638**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **016200**, and if you desaturate by 10%, it is **0B620A**.

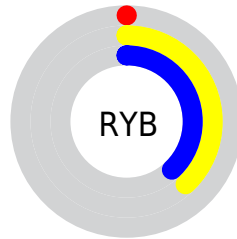
Distribution



Red (0%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (38%)

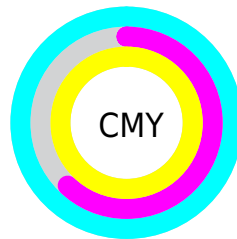


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (100%)


Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016200 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 016200 by changing the saturation by 10% instead.

 016200

 016200

 FFFFF4

 004900

 489638

 003200

 63B151

 001C00

 7FCD6A


 000000

 9AE985

 B7FF9F

 D3FFBB

 F1FFD7

 016200

 0B620A

 146214

 1E621D

 286227

 326231

 3B623B

 456245

 4F624E

 586258

Harmonies

Analogous

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



4F5900



016200



00663B

Triad

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



016200



0060B0



A5123D

Complementary

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



016200



610062

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.



9B186C



016200



0051B0

Square

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



016200



006697



733896



97310D

Rectangle

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



016200



00675C



733896



A40C4C

Sweetspot

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



016200



5A8059



626000



294029



BFBFBF



404040

Same Dimension

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



016200



018000



00622F



2C302C



017000



02F000

Inverse Universe

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



610062



7E0080



620033



302C30



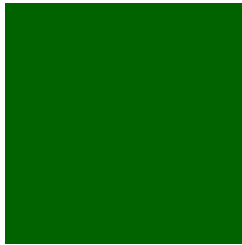
6F0070



ED00F0

Previews

White Background



This preview shows how the Hex color 016200 looks on a white background.

Color Contrast Check

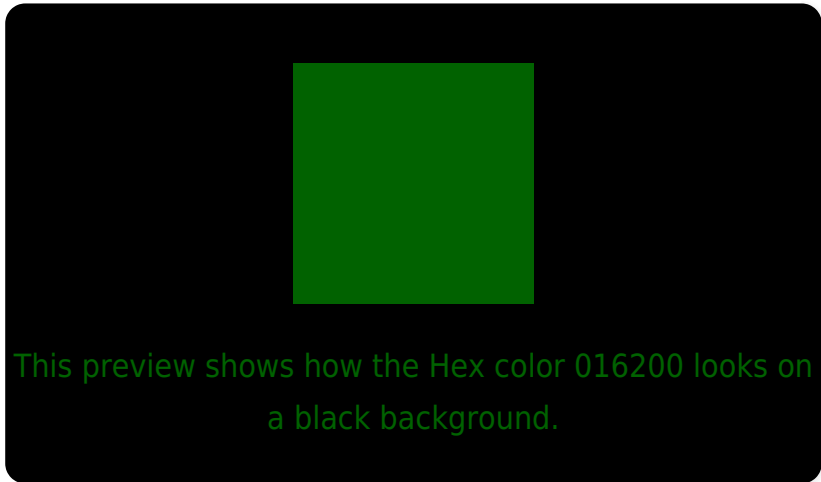
Large Text (above 18pt) WCAG AA ✓ Pass

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 016200 Background



This preview shows how black text looks on a background with the Hex color 016200.



This preview shows how white text looks on a background with the Hex color 016200.

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
016200

Protanopia
5E5400

Deuteranopia
694F15



Tritanopia
295B62

Trichromacy



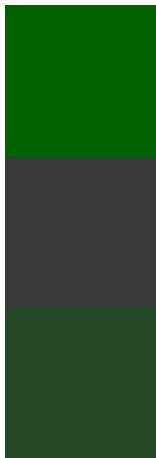
Original Color
016200

Protanomaly
3C5900

Deuteranomaly
43560D

Tritanomaly
1A5E3E

Monochromacy



Original Color
016200

Achromatopsia
3A3A3A

Achromatomaly
254925

CSS Examples

Text

The CSS property to change the color of the text to Hex 016200 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 #016200 looks like.

```
.text, #text, p{  
    color:#016200  
}
```

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 #016200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016200
}
```

Border

The CSS property to change the border of an element to Hex 016200 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
#016200 }
```

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

```
.border{ border-color:#016200 }
```

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

Here you see how a box with a 4 pixel #016200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016200; -webkit-box-shadow:4px 4px  
4px 4px #016200; box-shadow:4px 4px 4px  
4px #016200 }
```

Background

The CSS property to change the background color of an element to Hex 016200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016200 }
```

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

```
.background{ background-color:#016200 }
```

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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