

Converting Colors

Hex(006202)

Have a look what the booklet for
Hex(006202) contains.

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Color

Hex(006202)

Conversions

Conversions Part 1

Format	Color
Hex	006202
RGB	0, 98, 2
RGB Percent	0%, 38%, 1%
CMY	1.0000, 0.6157, 0.9922
CMYK	1.00, 0.00, 0.98, 0.62
HSL	121°, 100%, 19%
HSV	121°, 100%, 38%
XYZ	4.3786, 8.7397, 1.5136
YIQ	57.7540, -27.5920, -50.6320

Conversions

Conversions Part 2

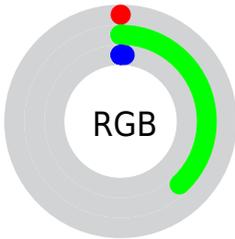
Format	Color
RYB	0, 96, 98
Decimal	25090
CIELab	35.48, -42.65, 40.67
CIELCh	35, 58.929, 136.363
Yxy	8.7397, 0.2993, 0.5973
Android (android.graphics.Color)	4278215170 (0xFF006202)
YUV	57.7540, -27.4867, -50.6503
Hunter-Lab	29.5631, -25.2974, 17.6586

Details

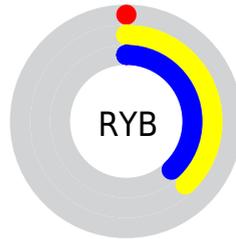
The Hex color **006202** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **620060**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **479639**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **006202**, and if you desaturate by 10%, it is **0A620C**.

Distribution



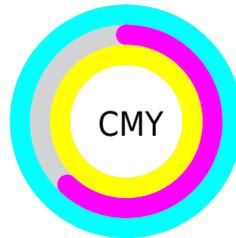
- Red (0%)
- Green (38%)
- Blue (1%)



- Red (0%)
- Yellow (38%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006202 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 006202 by changing the saturation by 10% instead.

 006202

 006202

 FFFFF5

 004900

 479639

 003200

 63B152

 001C00

 7ECD6C

 000000

 9AE986

 B6FFA1

 D3FFBC

 F0FFD8

 006202

 0A620C

 146215

 1D621F

 276228

 316232

 3B623C

 456245

 4E624F

 586258

Harmonies

Analogous

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



4F5900



006202



00663B

Triad

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



006202



005FB0



A4143C

Complementary

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



006202



620060

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.



9B196B



006202



0051AF

Square

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



006202



006697



743895



96310D

Rectangle

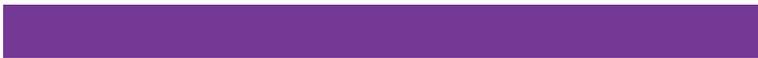
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



006202



00675D



743895



A40E4C

Sweetspot

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



006202



59805A



606200



294029



BFBFBF



404040

Same Dimension

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



006202



008003



006233



2C302C



007002



00F005

Inverse Universe

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



620060



80007D



62002F



302C30



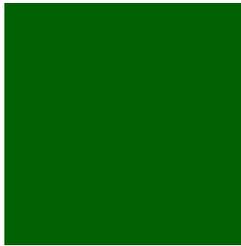
70006E



F000EB

Previews

White Background



This preview shows how the Hex color 006202 looks on a white background.

Color Contrast Check

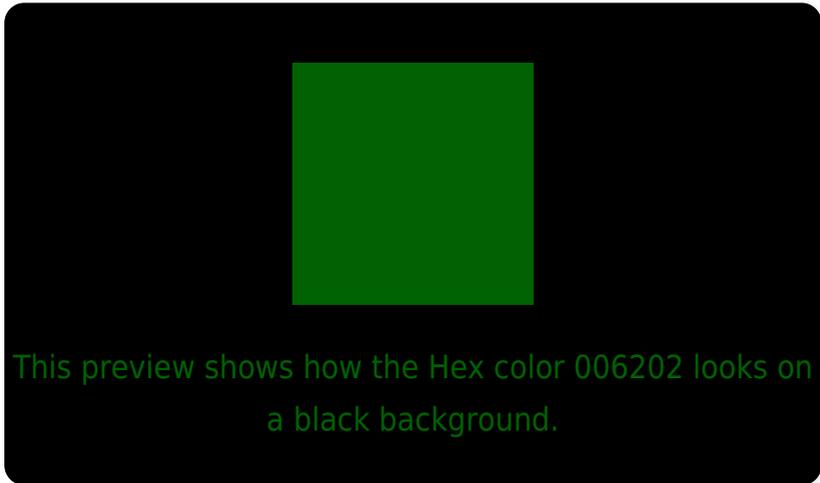
Large Text (above 18pt) WCAG AA ✓ Pass

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

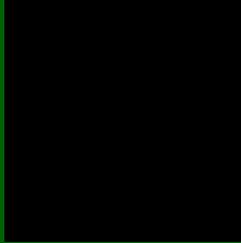
Any Text WCAG AA × Fail

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 006202 Background



This preview shows how black text looks on a background with the Hex color 006202.



This preview shows how white text looks on a background with the Hex color 006202.

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
006202

Protanopia
5E5400

Deuteranopia
694F15



Tritanopia
295B62

Trichromacy



Original Color
006202

Protanomaly
3C5901

Deuteranomaly
43560E

Tritanomaly
1A5E3F

Monochromacy



Original Color
006202

Achromatopsia
3A3A3A

Achromatomaly
254926

CSS Examples

Text

The CSS property to change the color of the text to Hex 006202 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 #006202 looks like.

```
.text, #text, p{  
    color:#006202  
}
```

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 #006202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006202
}
```

Border

The CSS property to change the border of an element to Hex 006202 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".

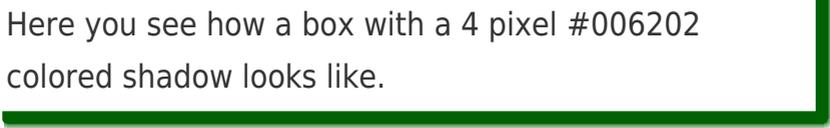
```
.border, #border, table{ border:4px solid
#006202 }
```

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

```
.border{ border-color:#006202 }
```

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

Here you see how a box with a 4 pixel #006202 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006202; -webkit-box-shadow:4px 4px  
4px 4px #006202; box-shadow:4px 4px 4px  
4px #006202 }
```

Background

The CSS property to change the background color of an element to Hex 006202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006202 }
```

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

```
.background{ background-color:#006202 }
```

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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