

Converting Colors

Hex(006A1D)

Have a look what the booklet for
Hex(006A1D) contains.

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Color

Hex(006A1D)

Conversions

Conversions Part 1

Format	Color
Hex	006A1D
RGB	0, 106, 29
RGB Percent	0%, 42%, 11%
CMY	1.0000, 0.5843, 0.8863
CMYK	1.00, 0.00, 0.73, 0.58
HSL	136°, 100%, 21%
HSV	136°, 100%, 42%
XYZ	5.3758, 10.3968, 2.8858
YIQ	65.5280, -38.4590, -46.4190

Conversions

Conversions Part 2

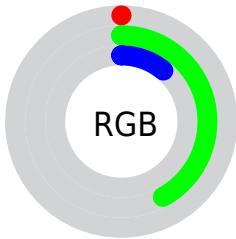
Format	Color
RYB	0, 83, 106
Decimal	27165
CIELab	38.55, -43.18, 34.41
CIELCh	39, 55.217, 141.447
Yxy	10.3968, 0.2881, 0.5572
Android (android.graphics.Color)	4278217245 (0xFF006A1D)
YUV	65.5280, -18.0083, -57.4681
Hunter-Lab	32.2440, -26.6671, 17.2644

Details

The Hex color **006A1D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A004D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **489E4D**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **006A1D**, and if you desaturate by 10%, it is **0B6A25**.

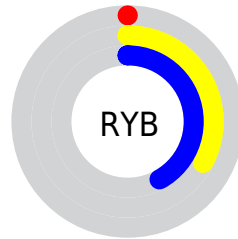
Distribution



Red (0%)

Green (42%)

Blue (11%)



Red (0%)

Yellow (33%)

Blue (42%)

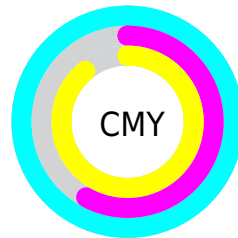


Cyan (100%)

Magenta (0%)

Yellow (73%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A1D 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 006A1D by changing the saturation by 10% instead.

 006A1D

 006A1D

FFFFFF

 005103

 489E4D

 003900

 64BA66

 002400

 80D680

 000000

 9CF39B

 B8FFB6

 D5FFD2

 F2FFEE

 006A1D

 0B6A25

 156A2C

 206A34

 2A6A3C

 356A44

 406A4B

 4A6A53

 556A5B

 5F6A62

Harmonies

Analogous

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



506200



006A1D



006E4C

Triad

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



006A1D



0064B4



A82B3D

Complementary

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



006A1D



6A004D

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.



A3296A



006A1D



3955AF

Square

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



006A1D



006CA0



833E93



984012

Rectangle

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



006A1D



006F6B



833E93



A9274C

Sweetspot

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



006A1D



608A6C



4E6A00



2C4533



C4C4C4



454545

Same Dimension

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



006A1D



008A26



006A51



303632



007520



00F543

Inverse Universe

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



6A004D



8A0064



6A0019



363034



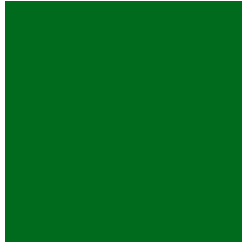
750055



F500B2

Previews

White Background



This preview shows how the Hex color 006A1D looks on a white background.

Color Contrast Check

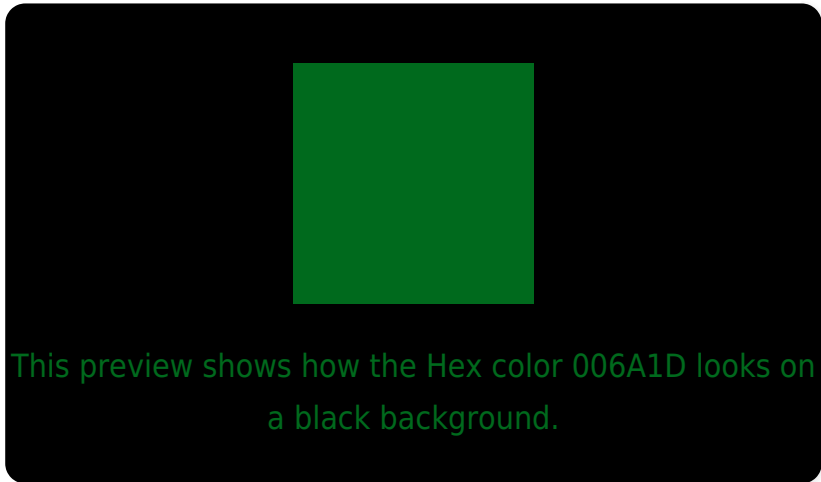
Large Text (above 18pt) WCAG AA ✓ Pass

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 006A1D Background



This preview shows how black text looks on a background with the Hex color 006A1D.



This preview shows how white text looks on a background with the Hex color 006A1D.

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
006A1D

Protanopia
665B19

Deuteranopia
715624



Tritanopia
2B636B

Trichromacy



Original Color
006A1D



Protanomaly
41601A



Deuteranomaly
485D21



Tritanomaly
1B664F

Monochromacy



Original Color
006A1D



Achromatopsia
424242



Achromatomaly
2A5135

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A1D 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 #006A1D looks like.

```
.text, #text, p{  
    color:#006A1D  
}
```

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 #006A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A1D
}
```

Border

The CSS property to change the border of an element to Hex 006A1D 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
#006A1D }
```

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

```
.border{ border-color:#006A1D }
```

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

Here you see how a box with a 4 pixel #006A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A1D; -webkit-box-shadow:4px 4px  
4px 4px #006A1D; box-shadow:4px 4px 4px  
4px #006A1D }
```

Background

The CSS property to change the background color of an element to Hex 006A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A1D }
```

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

```
.background{ background-color:#006A1D }
```

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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