

# Converting Colors

Hex(026D00)

Have a look what the booklet for  
Hex(026D00) contains.

<b>Hex(026D00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(026D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	026D00
RGB	2, 109, 0
RGB Percent	1%, 43%, 0%
CMY	0.9922, 0.5725, 1.0000
CMYK	0.98, 0.00, 1.00, 0.57
HSL	119°, 100%, 21%
HSV	119°, 100%, 43%
XYZ	5.4937, 10.9502, 1.8241
YIQ	64.5810, -28.7830, -56.5830

# Conversions

## Conversions Part 2

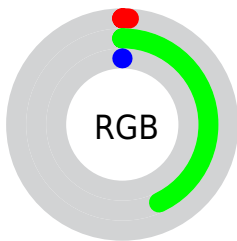
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 109, 107
Decimal	158976
CIELab	39.50, -45.89, 44.51
CIELCh	39, 63.928, 135.874
Yxy	10.9502, 0.3007, 0.5994
Android (android.graphics.Color)	4278349056 (0xFF026D00)
YUV	64.5810, -31.8384, -54.8835
Hunter-Lab	33.0911, -28.2754, 19.8956

# Details

The Hex color **026D00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B006D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4CA23B**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **026D00**, and if you desaturate by 10%, it is **0D6D0B**.

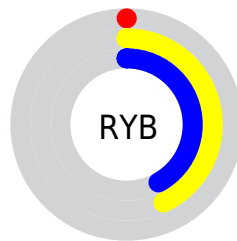
# Distribution



Red (1%)

Green (43%)

Blue (0%)



Red (0%)

Yellow (43%)

Blue (42%)

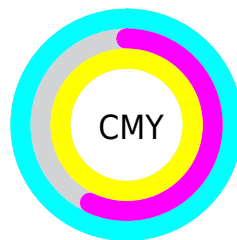


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (99%)

Magenta (57%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 026D00 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 026D00 by changing the saturation by 10% instead.



 026D00

 026D00

 FFFFF9

 005400

 4CA23B

 003C00

 68BD54

 002700

 84D96E

 000000

 A0F689

 BDFFA4

 DAFFBF

 F7FFDC

 026D00

 0D6D0B

 176D16

 226D21

 2D6D2C

 376D37

 426D41

 4D6D4C

 586D57

 626D62

# Harmonies

## Analogous

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



586300



026D00



007242

# Triad

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



026D00



006AC3



B61644

# Complementary

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



026D00



6B006D

# 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.



AC1C78



026D00



005AC3

# Square

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



026D00



0072A7



803FA6



A73710

# Rectangle

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



026D00



007366



803FA6



B60F55



# Sweetspot

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



026D00



658F64



6D6900



2E472E



C7C7C7



474747



# Same Dimension

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



026D00



038F00



006D33



303630



027500



04F500



# Inverse Universe

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



6B006D



8C008F



6D003A



353036



730075

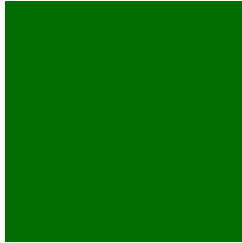


F000F5



# Previews

## White Background



This preview shows how the Hex color 026D00 looks on a white background.

## Color Contrast Check

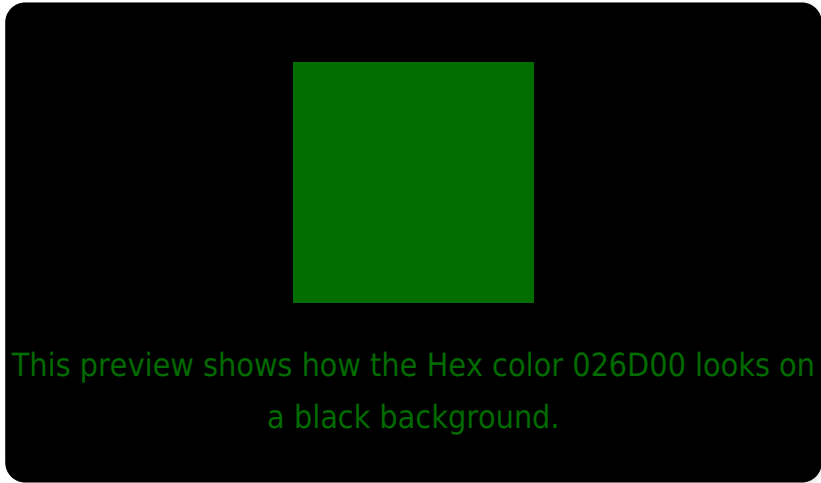
Large Text (above 18pt) WCAG AA ✓ Pass

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 026D00 Background



This preview shows how black text looks on a background with the Hex color 026D00.



This preview shows how white text looks on a background with the Hex color 026D00.

# 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**  
026D00

**Protanopia**  
695D00

**Deuteranopia**  
755818



**Tritanopia**  
2E656E

# Trichromacy



**Original Color**  
026D00



**Protanomaly**  
446300



**Deuteranomaly**  
4B600F

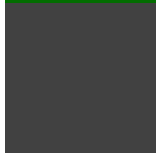


**Tritanomaly**  
1E6846

# Monochromacy



**Original Color**  
026D00



**Achromatopsia**  
414141



**Achromatomaly**  
2A5129

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 026D00 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 #026D00 looks like.

```
.text, #text, p{  
    color:#026D00  
}
```

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 #026D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026D00
}
```

## Border

The CSS property to change the border of an element to Hex 026D00 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".

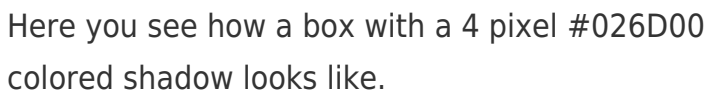
```
.border, #border, table{ border:4px solid
#026D00 }
```

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

```
.border{ border-color:#026D00 }
```

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

Here you see how a box with a 4 pixel #026D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026D00; -webkit-box-shadow:4px 4px  
4px 4px #026D00; box-shadow:4px 4px 4px  
4px #026D00 }
```

# Background

The CSS property to change the background color of an element to Hex 026D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026D00 }
```

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

```
.background{ background-color:#026D00 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor