

# Converting Colors

Hex(026707)

Have a look what the booklet for  
Hex(026707) contains.

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**Color**

**Hex(026707)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	026707
RGB	2, 103, 7
RGB Percent	1%, 40%, 3%
CMY	0.9922, 0.5961, 0.9725
CMYK	0.98, 0.00, 0.93, 0.60
HSL	123°, 96%, 21%
HSV	123°, 98%, 40%
XYZ	4.9136, 9.7287, 1.8199
YIQ	61.8570, -29.3800, -51.2680

# Conversions

## Conversions Part 2

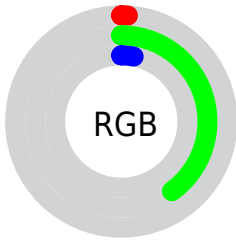
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 98, 103
Decimal	157447
CIELab	37.35, -43.70, 40.85
CIELCh	37, 59.819, 136.931
Yxy	9.7287, 0.2985, 0.5910
Android (android.graphics.Color)	4278347527 (0xFF026707)
YUV	61.8570, -27.0445, -52.4946
Hunter-Lab	31.1909, -26.4643, 18.3743

# Details

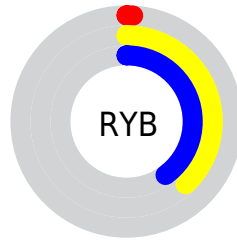
The Hex color **026707** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **670262**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **499B3D**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **006705**, and if you desaturate by 10%, it is **0C6711**.

# Distribution



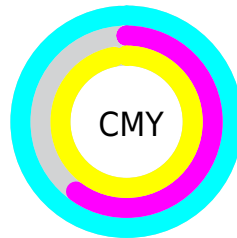
- Red (1%)
- Green (40%)
- Blue (3%)



- Red (1%)
- Yellow (38%)
- Blue (40%)



- Cyan (98%)
- Magenta (0%)
- Yellow (93%)
- Black (60%)




- Cyan (99%)
- Magenta (60%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 026707 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 026707 by changing the saturation by 10% instead.



 026707

 026707

 FFFFA

 004E00

 499B3D

 003600

 65B657

 002100

 81D270

 000000

 9DEF8A

 B9FFA5

 D6FFC1

 F3FFDD

 026707

 026707

■ 006705

■ 0C6711

■ 17671B

■ 216724

■ 2B672E

■ 356738

■ 406742

■ 4A674C

■ 546755

■ 5F675F

# Harmonies

## Analogous

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



525E00



026707



006B40

# Triad

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



026707



0064B7



AB1A3F

# Complementary

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



026707



670262

# 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.



A21E6F



026707



0054B5

# Square

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



026707



006B9E



7B3C9B



9C360F

# Rectangle

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



026707



006D62



7B3C9B



AB154F



# Sweetspot

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



026707



608762



646702



2D452E



C4C4C4



454545



# Same Dimension

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



026707



008707



026738



2E332E



007306



00F20C



# Inverse Universe

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



670262



870080



670231



332E33



73006D

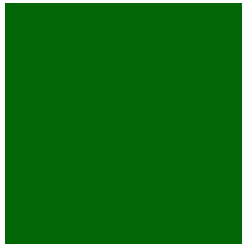


F200E6



# Previews

## White Background



This preview shows how the Hex color 026707 looks on a white background.

## Color Contrast Check

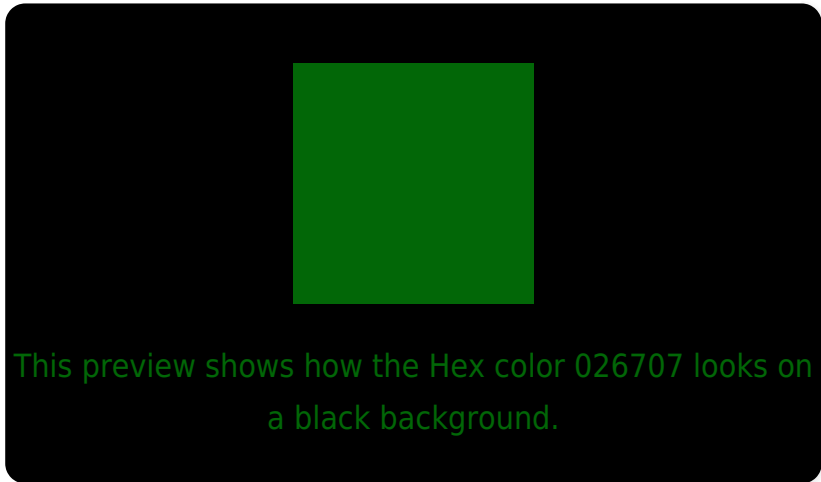
Large Text (above 18pt) WCAG AA ✓ Pass

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

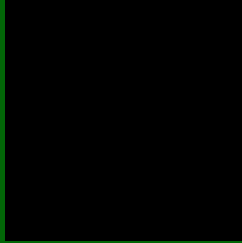
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 026707 Background



This preview shows how black text looks on a background with the Hex color 026707.



This preview shows how white text looks on a background with the Hex color 026707.

# 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**  
026707

**Protanopia**  
635800

**Deuteranopia**  
6F5317



**Tritanopia**  
2B6068

# Trichromacy



**Original Color**  
026707



**Protanomaly**  
405D03



**Deuteranomaly**  
475A11

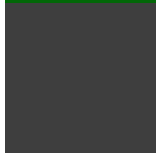


**Tritanomaly**  
1C6345

# Monochromacy



**Original Color**  
026707



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
284D2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 026707 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 #026707 looks like.

```
.text, #text, p{  
    color:#026707  
}
```

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 #026707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026707
}
```

## Border

The CSS property to change the border of an element to Hex 026707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

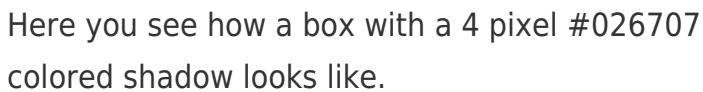
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#026707 }
```

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

```
.border{ border-color:#026707 }
```

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



Here you see how a box with a 4 pixel #026707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026707; -webkit-box-shadow:4px 4px  
4px 4px #026707; box-shadow:4px 4px 4px  
4px #026707 }
```

# Background

The CSS property to change the background color of an element to Hex 026707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026707 }
```

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

```
.background{ background-color:#026707 }
```

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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