

Converting Colors

Hex(026300)

Have a look what the booklet for
Hex(026300) contains.

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Color

Hex(026300)

Conversions

Conversions Part 1

Format	Color
Hex	026300
RGB	2, 99, 0
RGB Percent	1%, 39%, 0%
CMY	0.9922, 0.6118, 1.0000
CMYK	0.98, 0.00, 1.00, 0.61
HSL	119°, 100%, 19%
HSV	119°, 100%, 39%
XYZ	4.4869, 8.9366, 1.4885
YIQ	58.7110, -26.0330, -51.3530

Conversions

Conversions Part 2

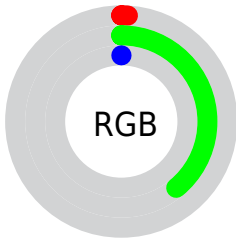
Format	Color
RYB	0, 99, 97
Decimal	156416
CIELab	35.86, -42.84, 41.60
CIELCh	36, 59.709, 135.842
Yxy	8.9366, 0.3009, 0.5993
Android (android.graphics.Color)	4278346496 (0xFF026300)
YUV	58.7110, -28.9445, -49.7355
Hunter-Lab	29.8941, -25.5233, 17.9738

Details

The Hex color **026300** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **610063**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **489738**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **026300**, and if you desaturate by 10%, it is **0C630A**.

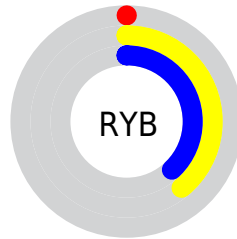
Distribution



Red (1%)

Green (39%)

Blue (0%)



Red (0%)

Yellow (39%)

Blue (38%)

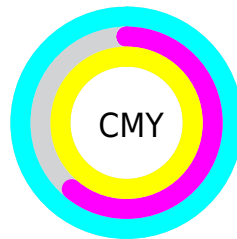


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (99%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 026300 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 026300 by changing the saturation by 10% instead.

 026300

 026300

 FFFFF4

 004A00

 489738

 003300

 64B251

 001D00

 7FCE6B

 000000

 9BEA85

 B7FFA0

 D4FFBB

 F1FFD8

 026300

 0C630A

 156314

 1F631E

 296328

 336332

 3C633B

 466345

 50634F

 596359

Harmonies

Analogous

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



505A00



026300



00673B

Triad

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



026300



0061B2



A6133D

Complementary

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



026300



610063

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.



9D196D



026300



0052B2

Square

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



026300



006799



743998



98310D

Rectangle

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



026300



00695D



743998



A60D4D

Sweetspot

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



026300



5A8059



636000



294029



BFBFBF



404040

Same Dimension

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



026300



038000



00632E



2C302C



027000



05F000

Inverse Universe

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



610063



7D0080



630035



302C30



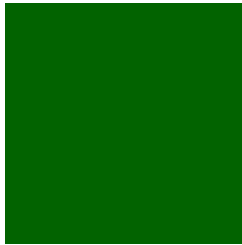
6E0070



EB00F0

Previews

White Background



This preview shows how the Hex color 026300 looks on a white background.

Color Contrast Check

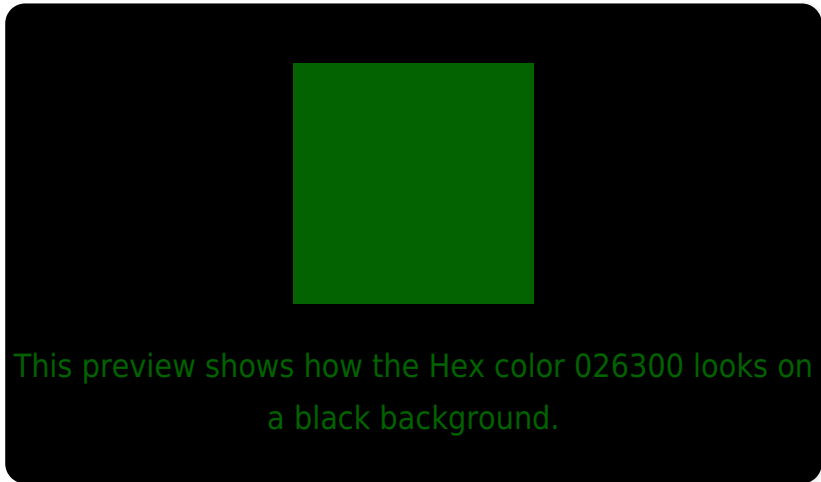
Large Text (above 18pt) WCAG AA ✓ Pass

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

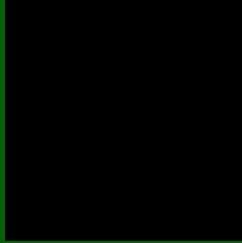
Any Text WCAG AA × Fail

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 026300 Background



This preview shows how black text looks on a background with the Hex color 026300.



This preview shows how white text looks on a background with the Hex color 026300.

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
026300

Protanopia
5F5500

Deuteranopia
6A5015



Tritanopia
2A5C63

Trichromacy



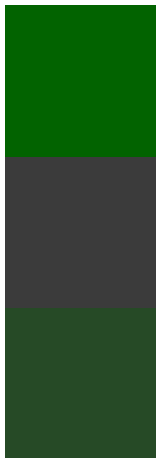
Original Color
026300

Protanomaly
3D5A00

Deuteranomaly
44570D

Tritanomaly
1B5F3F

Monochromacy



Original Color
026300

Achromatopsia
3B3B3B

Achromatomaly
264A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 026300 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 #026300 looks like.

```
.text, #text, p{  
    color:#026300  
}
```

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 #026300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026300  
}
```

Border

The CSS property to change the border of an element to Hex 026300 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  
#026300 }
```

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

```
.border{ border-color:#026300 }
```

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

Here you see how a box with a 4 pixel #026300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026300; -webkit-box-shadow:4px 4px  
4px 4px #026300; box-shadow:4px 4px 4px  
4px #026300 }
```

Background

The CSS property to change the background color of an element to Hex 026300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026300 }
```

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

```
.background{ background-color:#026300 }
```

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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