

Converting Colors

Hex(026D32)

Have a look what the booklet for
Hex(026D32) contains.

Hex(026D32)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(026D32)

Conversions

Conversions Part 1

Format	Color
Hex	026D32
RGB	2, 109, 50
RGB Percent	1%, 43%, 20%
CMY	0.9922, 0.5725, 0.8039
CMYK	0.98, 0.00, 0.54, 0.57
HSL	147°, 96%, 22%
HSV	147°, 98%, 43%
XYZ	6.0694, 11.1805, 4.8558
YIQ	70.2810, -44.8330, -41.0330

Conversions

Conversions Part 2

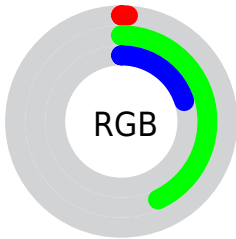
Format	Color
RYB	2, 76, 109
Decimal	159026
CIELab	39.88, -41.02, 25.43
CIELCh	40, 48.263, 148.210
Yxy	11.1805, 0.2746, 0.5058
Android (android.graphics.Color)	4278349106 (0xFF026D32)
YUV	70.2810, -9.9985, -59.8824
Hunter-Lab	33.4372, -26.1145, 14.7959

Details

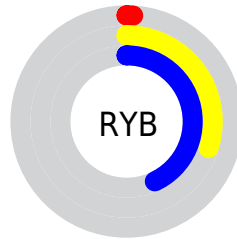
The Hex color **026D32** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D023D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **49A262**, and **003C04** is the 20% darker color. If you saturate the color by 10%, you get **006D31**, and if you desaturate by 10%, it is **0D6D38**.

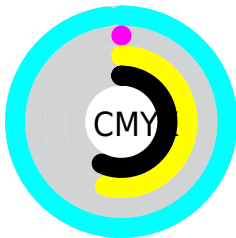
Distribution



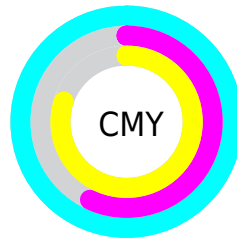
- Red (1%)
- Green (43%)
- Blue (20%)



- Red (1%)
- Yellow (30%)
- Blue (43%)



- Cyan (98%)
- Magenta (0%)
- Yellow (54%)
- Black (57%)



- Cyan (99%)
- Magenta (57%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 026D32 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 026D32 by changing the saturation by 10% instead.



026D32



026D32

FFFFFF



00541B



49A262



003C04



65BD7B



002700



80D995



000000



9CF6B0



B9FFCB



D5FFE8



F3FFFF



026D32



026D32

■ 006D31

■ 0D6D38

■ 186D3E

■ 236D44

■ 2E6D4A

■ 396D50

■ 436D56

■ 4E6D5C

■ 596D62

■ 646D68

Harmonies

Analogous

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



4C660D



026D32



00705A

Triad

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



026D32



0063AD



A23B3B

Complementary

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



026D32



6D023D

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.



A23662



026D32



5855A4

Square

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



026D32



006CA1



8B4288



914C19

Rectangle

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



026D32



007075



8B4288



A43848

Sweetspot

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



026D32



658F78



3F6D02



2E473A



C7C7C7



474747

Same Dimension

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



026D32



008F40



026D66



303633



007535



00F56E

Inverse Universe

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



6D023D



8F004F



6D0209



363033



750041



F50087

Previews

White Background



This preview shows how the Hex color 026D32 looks on a white background.

Color Contrast Check

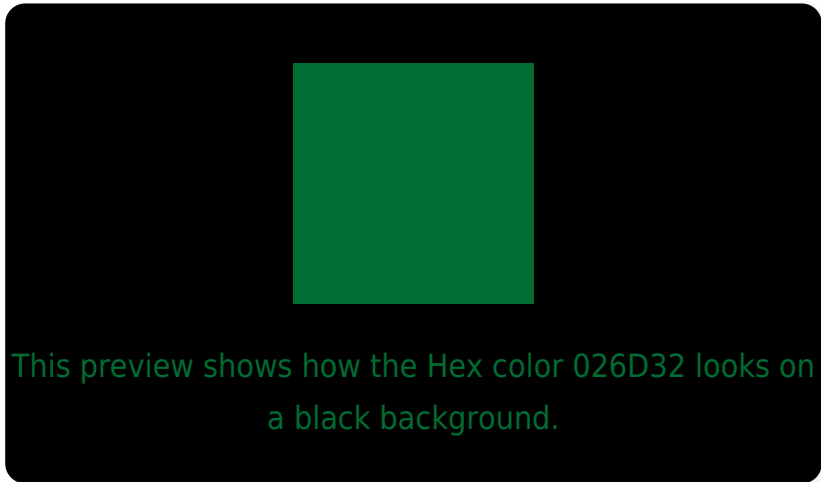
Large Text (above 18pt) WCAG AA ✓ Pass

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

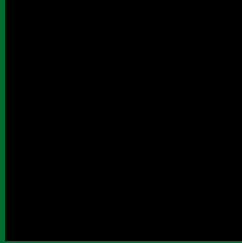
Any Text WCAG AA × Fail

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 026D32 Background



This preview shows how black text looks on a background with the Hex color 026D32.



This preview shows how white text looks on a background with the Hex color 026D32.

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
026D32

Protanopia
685E2D

Deuteranopia
725A37



Tritanopia
2A676F

Trichromacy



Original Color
026D32



Protanomaly
43632F



Deuteranomaly
496135



Tritanomaly
1B6959

Monochromacy



Original Color
026D32



Achromatopsia
464646



Achromatomaly
2D543F

CSS Examples

Text

The CSS property to change the color of the text to Hex 026D32 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 #026D32 looks like.

```
.text, #text, p{  
    color:#026D32  
}
```

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 #026D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026D32
}
```

Border

The CSS property to change the border of an element to Hex 026D32 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
#026D32 }
```

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

```
.border{ border-color:#026D32 }
```

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

Here you see how a box with a 4 pixel #026D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026D32; -webkit-box-shadow:4px 4px  
4px 4px #026D32; box-shadow:4px 4px 4px  
4px #026D32 }
```

Background

The CSS property to change the background color of an element to Hex 026D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026D32 }
```

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

```
.background{ background-color:#026D32 }
```

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