

Converting Colors

Hex(0D6326)

Have a look what the booklet for
Hex(0D6326) contains.

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Color

Hex(0D6326)

Conversions

Conversions Part 1

Format	Color
Hex	0D6326
RGB	13, 99, 38
RGB Percent	5%, 39%, 15%
CMY	0.9490, 0.6118, 0.8510
CMYK	0.87, 0.00, 0.62, 0.61
HSL	137°, 77%, 22%
HSV	137°, 87%, 39%
XYZ	4.9777, 9.1492, 3.3373
YIQ	66.3320, -31.6750, -37.2030

Conversions

Conversions Part 2

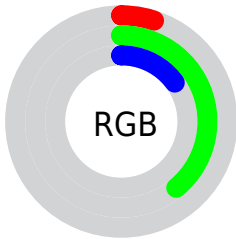
Format	Color
RYB	13, 80, 99
Decimal	877350
CIELab	36.27, -38.23, 27.53
CIELCh	36, 47.114, 144.244
Yxy	9.1492, 0.2850, 0.5239
Android (android.graphics.Color)	4279067430 (0xFF0D6326)
YUV	66.3320, -13.9677, -46.7722
Hunter-Lab	30.2476, -23.5587, 14.6316

Details

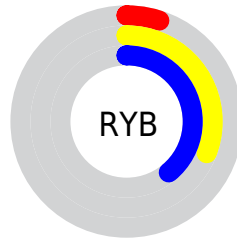
The Hex color **0D6326** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630D4A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4A9755**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **03631F**, and if you desaturate by 10%, it is **17632D**.

Distribution



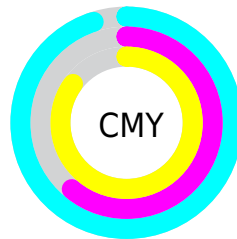
- Red (5%)
- Green (39%)
- Blue (15%)



- Red (5%)
- Yellow (31%)
- Blue (39%)



- Cyan (87%)
- Magenta (0%)
- Yellow (62%)
- Black (61%)



- Cyan (95%)
- Magenta (61%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6326 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 0D6326 by changing the saturation by 10% instead.

 0D6326

 0D6326

FFFFFF

 004A0F

 4A9755

 003300

 65B26E

 001E00

 80CE88

 000000

 9CEAA2

 B8FFBD

 D4FFD9

 F1FFF6

 0D6326

 0D6326

03631F

17632D

00631D

216334

2B633B

356342

3F6349

486350

526357

5C635E

666365

Harmonies

Analogous

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



495C00



0D6326



00664D

Triad

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



0D6326



005CA1



973239

Complementary

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



0D6326



630D4A

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.



942F5E



0D6326



454E9B

Square

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



0D6326



006492



7C3D82



884116

Rectangle

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



0D6326



006767



7C3D82



992E45

Sweetspot

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



0D6326



5E8068



4B630D



2C4032



BFBFBF



404040

Same Dimension

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



0D6326



008025



0D6350



2C302D



007021



00F046

Inverse Universe

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



630D4A



80005A



630D20



302C2F



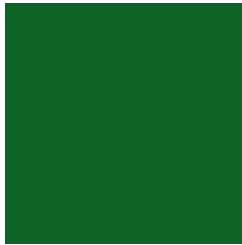
700050



F000AA

Previews

White Background



This preview shows how the Hex color 0D6326 looks on a white background.

Color Contrast Check

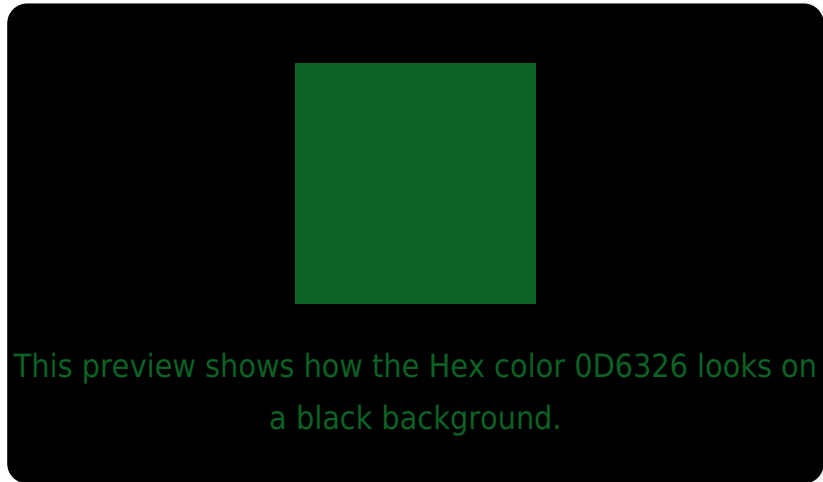
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D6326 Background



This preview shows how black text looks on a background with the Hex color 0D6326.



This preview shows how white text looks on a background with the Hex color 0D6326.

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
0D6326

Protanopia
5F5522

Deuteranopia
69512B



Tritanopia
295D64

Trichromacy



Original Color
0D6326



Protanomaly
415A23



Deuteranomaly
485829



Tritanomaly
1F5F4D

Monochromacy



Original Color
0D6326



Achromatopsia
424242



Achromatomaly
2F4E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6326 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 #0D6326 looks like.

```
.text, #text, p{  
    color:#0D6326  
}
```

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 #0D6326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6326
}
```

Border

The CSS property to change the border of an element to Hex 0D6326 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
#0D6326 }
```

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

```
.border{ border-color:#0D6326 }
```

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

Here you see how a box with a 4 pixel #0D6326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6326; -webkit-box-shadow:4px 4px  
4px 4px #0D6326; box-shadow:4px 4px 4px  
4px #0D6326 }
```

Background

The CSS property to change the background color of an element to Hex 0D6326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6326 }
```

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

```
.background{ background-color:#0D6326 }
```

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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