

Converting Colors

Hex(0D6020)

Have a look what the booklet for
Hex(0D6020) contains.

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Color

Hex(0D6020)

Conversions

Conversions Part 1

Format	Color
Hex	0D6020
RGB	13, 96, 32
RGB Percent	5%, 38%, 13%
CMY	0.9490, 0.6235, 0.8745
CMYK	0.86, 0.00, 0.67, 0.62
HSL	134°, 76%, 21%
HSV	134°, 86%, 38%
XYZ	4.6096, 8.5556, 2.7749
YIQ	63.8870, -28.9240, -37.5000

Conversions

Conversions Part 2

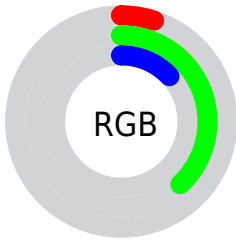
Format	Color
RYB	13, 81, 96
Decimal	876576
CIELab	35.11, -37.98, 29.27
CIElCh	35, 47.952, 142.380
Yxy	8.5556, 0.2892, 0.5367
Android (android.graphics.Color)	4279066656 (0xFF0D6020)
YUV	63.8870, -15.7203, -44.6279
Hunter-Lab	29.2499, -23.0572, 14.8501

Details

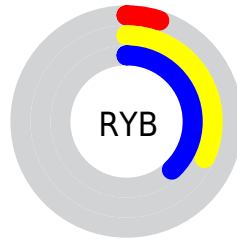
The Hex color **0D6020** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **600D4D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4A944F**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **036019**, and if you desaturate by 10%, it is **176027**.

Distribution



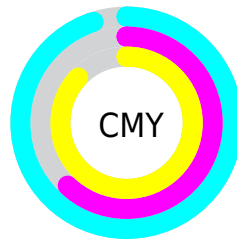
- Red (5%)
- Green (38%)
- Blue (13%)



- Red (5%)
- Yellow (32%)
- Blue (38%)



- Cyan (86%)
- Magenta (0%)
- Yellow (67%)
- Black (62%)



- Cyan (95%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6020 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 0D6020 by changing the saturation by 10% instead.

 0D6020

 0D6020

FFFFFF

 004808

 4A944F

 003000

 64AF68

 001A00

 7FCA81

 000000

 9BE79C

 B7FFB7

 D3FFD3

 F0FFEF

 0D6020

 0D6020

■ 036019

■ 176027

■ 006016

■ 20602F

■ 2A6036

■ 33603E

■ 3D6045

■ 47604C

■ 506054

■ 5A605B

■ 636063

Harmonies

Analogous

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



495900



0D6020



006347

Triad

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



0D6020



005A9F



952D38

Complementary

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



0D6020



600D4D

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.



912B5E



0D6020



3C4D9A

Square

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



0D6020



00618F



773A82



873D15

Rectangle

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



0D6020



006462



773A82



962A44

Sweetspot

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



0D6020



5C7D64



4E600D



2C4031



BFBFBF



404040

Same Dimension

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



0D6020



007D1D



0D6048



2C302D



00701A



00F037

Inverse Universe

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



600D4D



7D0060



600D25



302C2F



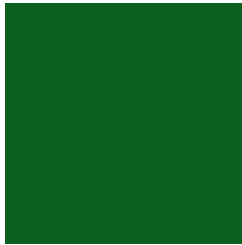
700057



F000B9

Previews

White Background



This preview shows how the Hex color 0D6020 looks on a white background.

Color Contrast Check

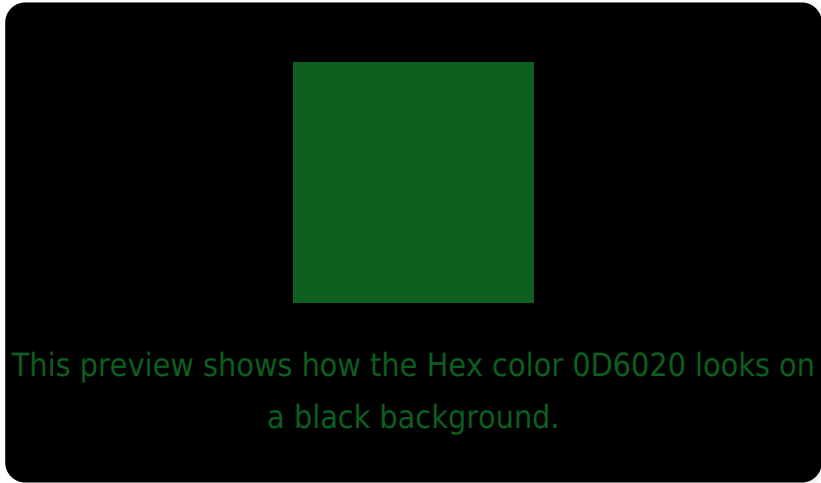
Large Text (above 18pt) WCAG AA ✓ Pass

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

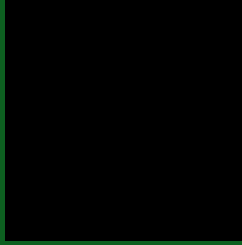
Any Text WCAG AA × Fail

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 0D6020 Background



This preview shows how black text looks on a background with the Hex color 0D6020.



This preview shows how white text looks on a background with the Hex color 0D6020.

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](#).

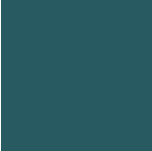
Dichromacy



Original Color
0D6020

Protanopia
5C531C

Deuteranopia
664E26



Tritanopia
285A61

Trichromacy



Original Color
0D6020



Protanomaly
3F581D



Deuteranomaly
465524

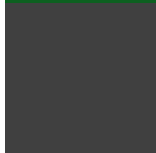


Tritanomaly
1E5C49

Monochromacy



Original Color
0D6020



Achromatopsia
404040



Achromatomaly
2D4C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6020 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 #0D6020 looks like.

```
.text, #text, p{  
    color:#0D6020  
}
```

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 #0D6020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6020
}
```

Border

The CSS property to change the border of an element to Hex 0D6020 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".

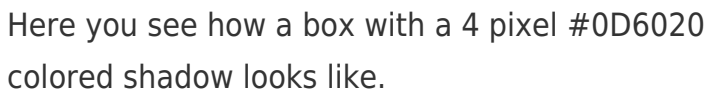
```
.border, #border, table{ border:4px solid
#0D6020 }
```

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

```
.border{ border-color:#0D6020 }
```

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

Here you see how a box with a 4 pixel #0D6020 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6020; -webkit-box-shadow:4px 4px  
4px 4px #0D6020; box-shadow:4px 4px 4px  
4px #0D6020 }
```

Background

The CSS property to change the background color of an element to Hex 0D6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6020 }
```

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

```
.background{ background-color:#0D6020 }
```

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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