

Converting Colors

Hex(0D6A19)

Have a look what the booklet for
Hex(0D6A19) contains.

Hex(0D6A19)	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(0D6A19)

Conversions

Conversions Part 1

Format	Color
Hex	0D6A19
RGB	13, 106, 25
RGB Percent	5%, 42%, 10%
CMY	0.9490, 0.5843, 0.9020
CMYK	0.88, 0.00, 0.76, 0.58
HSL	128°, 78%, 23%
HSV	128°, 88%, 42%
XYZ	5.4955, 10.4638, 2.6498
YIQ	68.9590, -29.4270, -44.9070

Conversions

Conversions Part 2

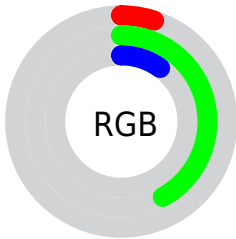
Format	Color
RYB	13, 95, 106
Decimal	879129
CIELab	38.66, -42.27, 36.29
CIElCh	39, 55.711, 139.356
Yxy	10.4638, 0.2953, 0.5623
Android (android.graphics.Color)	4279069209 (0xFF0D6A19)
YUV	68.9590, -21.6718, -49.0760
Hunter-Lab	32.3478, -26.2838, 17.7867

Details

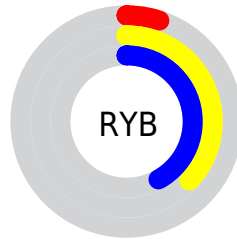
The Hex color **0D6A19** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A0D5E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4D9E4A**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **026A10**, and if you desaturate by 10%, it is **186A22**.

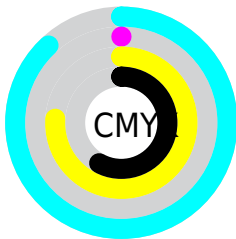
Distribution



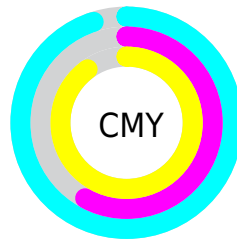
- Red (5%)
- Green (42%)
- Blue (10%)



- Red (5%)
- Yellow (37%)
- Blue (42%)



- Cyan (88%)
- Magenta (0%)
- Yellow (76%)
- Black (58%)



- Cyan (95%)
- Magenta (58%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6A19 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 0D6A19 by changing the saturation by 10% instead.

 0D6A19

 0D6A19

FFFFFF

 005100

 4D9E4A

 003900

 69BA63

 002400

 84D67D

 000000

 A0F297

 BCFFB2

 D9FFCE

 F6FFE8

 0D6A19

 0D6A19

■ 026A10

■ 186A22

■ 006A0E

■ 226A2B

■ 2D6A35

■ 376A3E

■ 426A47

■ 4D6A50

■ 576A5A

■ 626A63

■ 6C6A6C

Harmonies

Analogous

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



536200



0D6A19



006E49

Triad

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



0D6A19



0065B5



A92940

Complementary

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



0D6A19



6A0D5E

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.



A3296D



0D6A19



2F56B1

Square

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



0D6A19



006D9F



804097



9A3F15

Rectangle

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



0D6A19



006F68



804097



AA264F

Sweetspot

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



0D6A19



668A6B



5F6A0D



304532



C4C4C4



454545

Same Dimension

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



0D6A19



008A12



0D6A46



303631



00750F



00F520

Inverse Universe

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



6A0D5E



8A0078



6A0D31



363035



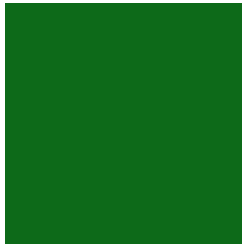
750066



F500D5

Previews

White Background



This preview shows how the Hex color 0D6A19 looks on a white background.

Color Contrast Check

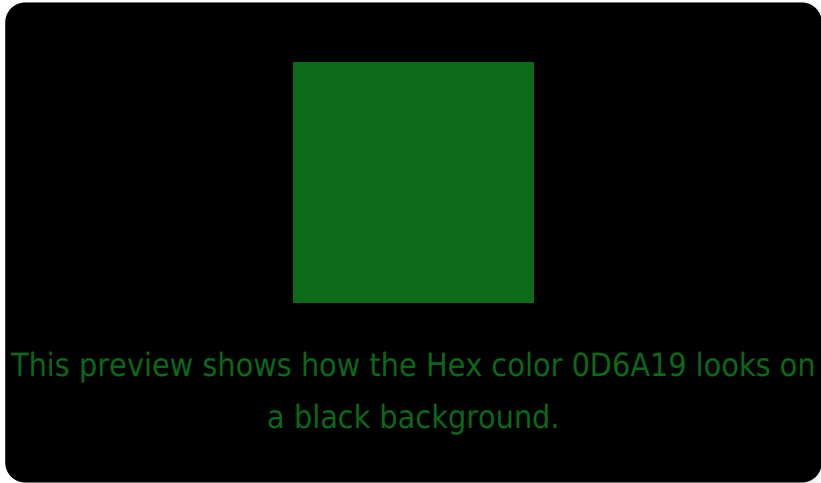
Large Text (above 18pt) WCAG AA ✓ Pass

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

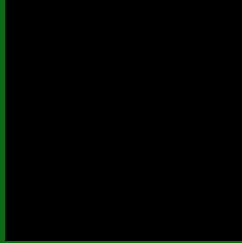
Any Text WCAG AA × Fail

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 0D6A19 Background



This preview shows how black text looks on a background with the Hex color 0D6A19.



This preview shows how white text looks on a background with the Hex color 0D6A19.

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
0D6A19

Protanopia
665B15

Deuteranopia
715621



Tritanopia
2D636B

Trichromacy



Original Color
0D6A19



Protanomaly
466016



Deuteranomaly
4D5D1E



Tritanomaly
21664D

Monochromacy



Original Color
0D6A19



Achromatopsia
454545



Achromatomaly
315235

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6A19 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 #0D6A19 looks like.

```
.text, #text, p{  
    color:#0D6A19  
}
```

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 #0D6A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6A19
}
```

Border

The CSS property to change the border of an element to Hex 0D6A19 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
#0D6A19 }
```

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

```
.border{ border-color:#0D6A19 }
```

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

Here you see how a box with a 4 pixel #0D6A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6A19; -webkit-box-shadow:4px 4px  
4px 4px #0D6A19; box-shadow:4px 4px 4px  
4px #0D6A19 }
```

Background

The CSS property to change the background color of an element to Hex 0D6A19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6A19 }
```

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

```
.background{ background-color:#0D6A19 }
```

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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