

Converting Colors

Hex(0F6300)

Have a look what the booklet for
Hex(0F6300) contains.

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Color

Hex(0F6300)

Conversions

Conversions Part 1

Format	Color
Hex	0F6300
RGB	15, 99, 0
RGB Percent	6%, 39%, 0%
CMY	0.9412, 0.6118, 1.0000
CMYK	0.85, 0.00, 1.00, 0.61
HSL	111°, 100%, 19%
HSV	111°, 100%, 39%
XYZ	4.6588, 9.0252, 1.4965
YIQ	62.5980, -18.2850, -48.5970

Conversions

Conversions Part 2

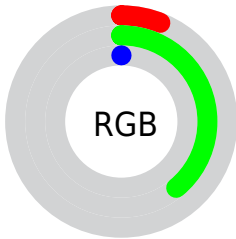
Format	Color
RYB	0, 99, 84
Decimal	1008384
CIELab	36.03, -41.29, 41.80
CIELCh	36, 58.761, 134.648
Yxy	9.0252, 0.3069, 0.5945
Android (android.graphics.Color)	4279198464 (0xFF0F6300)
YUV	62.5980, -30.8608, -41.7434
Hunter-Lab	30.0420, -24.8922, 18.0760

Details

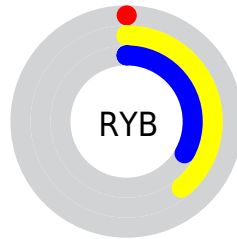
The Hex color **0F6300** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **540063**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4D9738**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **0F6300**, and if you desaturate by 10%, it is **17630A**.

Distribution



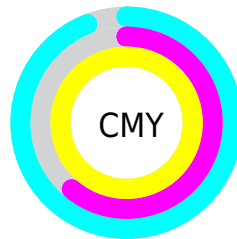
- Red (6%)
- Green (39%)
- Blue (0%)



- Red (0%)
- Yellow (39%)
- Blue (33%)



- Cyan (85%)
- Magenta (0%)
- Yellow (100%)
- Black (61%)



- Cyan (94%)
- Magenta (61%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F6300 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 0F6300 by changing the saturation by 10% instead.

 0F6300

 0F6300

 FFFFF5

 004A00

 4D9738

 003300

 68B251

 001D00

 84CE6B

 000000

 A0EA85

 BCFFA0

 D9FFBC


 F6FFD8

 0F6300

 17630A

 206314

 28631E

 316328

 396332

 41633B

 4A6345

 52634F

 5B6359

Harmonies

Analogous

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



535A00



0F6300



00673A

Triad

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



0F6300



0061B0



A61640

Complementary

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



0F6300



540063

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.



9B1D6F



0F6300



0053B1

Square

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



0F6300



006897



723B99



993112

Rectangle

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



0F6300



00695B



723B99



A51250

Sweetspot

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



0F6300



5F8059



635300



2C4029



BFBFBF



404040

Same Dimension

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



0F6300



138000



006321



2C302C



117000



24F000

Inverse Universe

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



540063



6C0080



630042



302C30



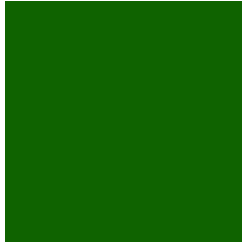
5F0070



CB00F0

Previews

White Background



This preview shows how the Hex color 0F6300 looks on a white background.

Color Contrast Check

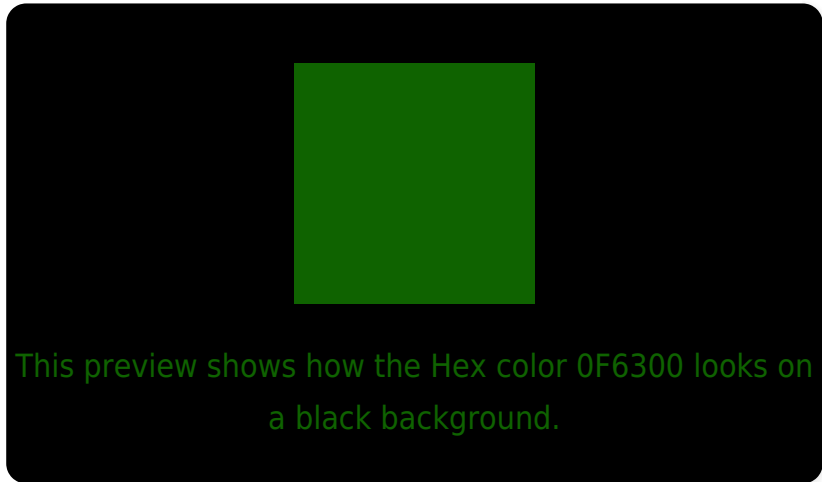
Large Text (above 18pt) WCAG AA ✓ Pass

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

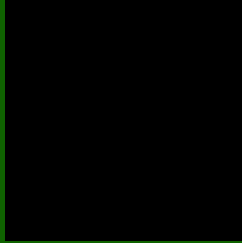
Any Text WCAG AA × Fail

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 0F6300 Background



This preview shows how black text looks on a background with the Hex color 0F6300.



This preview shows how white text looks on a background with the Hex color 0F6300.

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
0F6300

Protanopia
605500

Deuteranopia
6B5015

Trichromacy



Original Color
0F6300



Protanomaly
435A00



Deuteranomaly
4A570D

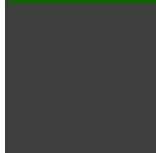


Tritanomaly
215F3F

Monochromacy



Original Color
0F6300



Achromatopsia
3F3F3F



Achromatomaly
2E4C28

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F6300 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 #0F6300 looks like.

```
.text, #text, p{  
    color:#0F6300  
}
```

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 #0F6300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6300
}
```

Border

The CSS property to change the border of an element to Hex 0F6300 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".

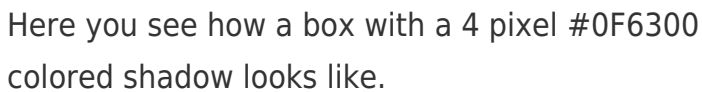
```
.border, #border, table{ border:4px solid
#0F6300 }
```

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

```
.border{ border-color:#0F6300 }
```

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

Here you see how a box with a 4 pixel #0F6300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6300; -webkit-box-shadow:4px 4px  
4px 4px #0F6300; box-shadow:4px 4px 4px  
4px #0F6300 }
```

Background

The CSS property to change the background color of an element to Hex 0F6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6300 }
```

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

```
.background{ background-color:#0F6300 }
```

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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