

Converting Colors

Hex(0C3601)

Have a look what the booklet for
Hex(0C3601) contains.

Hex(0C3601)	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(0C3601)

Conversions

Conversions Part 1

Format	Color
Hex	0C3601
RGB	12, 54, 1
RGB Percent	5%, 21%, 0%
CMY	0.9529, 0.7882, 0.9961
CMYK	0.78, 0.00, 0.98, 0.79
HSL	108°, 96%, 11%
HSV	108°, 98%, 21%
XYZ	1.4763, 2.7187, 0.4757
YIQ	35.4000, -8.0190, -25.3870

Conversions

Conversions Part 2

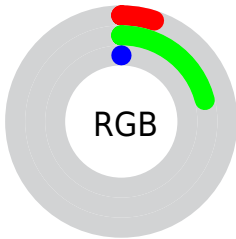
Format	Color
R_{YB}	1, 54, 43
Decimal	800257
CIE _{Lab}	18.88, -25.59, 25.75
CIE _{LCh}	19, 36.305, 134.828
Yxy	2.7187, 0.3161, 0.5821
Android (android.graphics.Color)	4278990337 (0xFF0C3601)
YUV	35.4000, -16.9592, -20.5218
Hunter-Lab	16.4884, -12.8731, 9.8315

Details

The Hex color **0C3601** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B0136**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3D6530**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B3600**, and if you desaturate by 10%, it is **103606**.

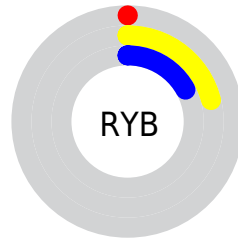
Distribution



Red (5%)

Green (21%)

Blue (0%)



Red (0%)

Yellow (21%)

Blue (17%)

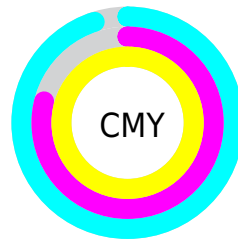


Cyan (78%)

Magenta (0%)

Yellow (98%)

Black (79%)



Cyan (95%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3601 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 0C3601 by changing the saturation by 10% instead.



0C3601



0C3601



F8FFE5



002100



3D6530



000000



557F47



6F995F



89B478



A4CF92



BFECAD



DBFFC9



0C3601



0C3601

■ 0B3600

■ 103606

■ 15360C

■ 193611

■ 1D3617

■ 21361C

■ 263621

■ 2A3627

■ 2E362C

■ 333632

Harmonies

Analogous

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



2E3100



0C3601



00391F

Triad

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



0C3601



003561



5C0F22

Complementary

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



0C3601



2B0136

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.



56123C



0C3601



002D61

Square

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



0C3601



003953



3F2054



551B06

Rectangle

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



0C3601



003932



3F2054



5B0E2B

Sweetspot

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



0C3601



374733



362B01



1A2417



A3A3A3



242424

Same Dimension

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



0C3601



0F4700



013610



1A1C19



135C00



2EDB00

Inverse Universe

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



2B0136



390047



360127



1B191C



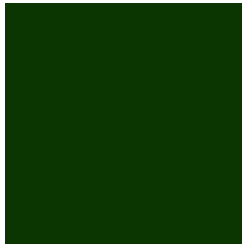
49005C



AE00DB

Previews

White Background



This preview shows how the Hex color 0C3601 looks on a white background.

Color Contrast Check

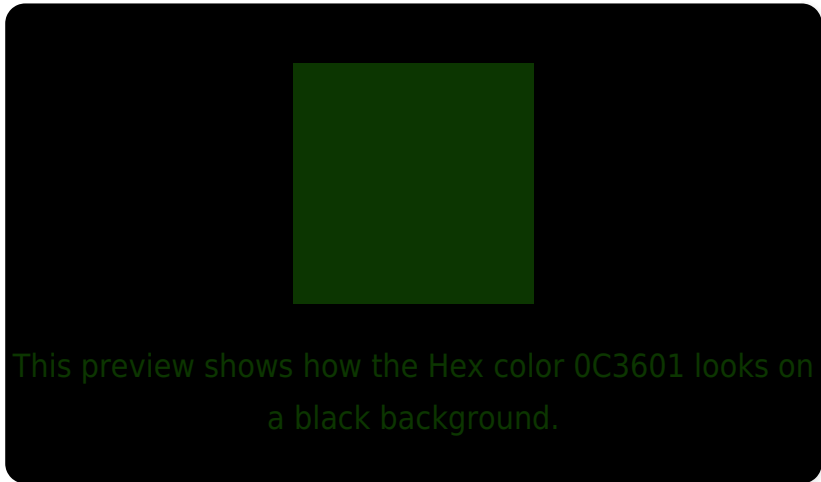
Large Text (above 18pt) WCAG AA ✓ Pass

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

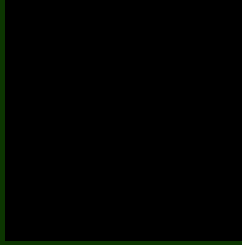
Any Text WCAG AA × Fail

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 0C3601 Background



This preview shows how black text looks on a background with the Hex color 0C3601.



This preview shows how white text looks on a background with the Hex color 0C3601.

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](#).

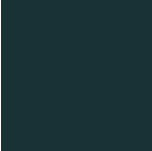
Dichromacy



Original Color
0C3601

Protanopia
342E00

Deuteranopia
3A2C0C



Tritanopia
193236

Trichromacy



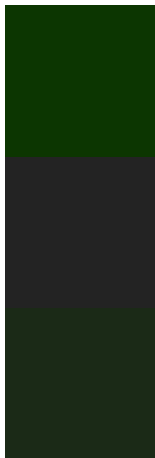
Original Color
0C3601

Protanomaly
253100

Deuteranomaly
293008

Tritanomaly
143323

Monochromacy



Original Color
0C3601

Achromatopsia
232323

Achromatomaly
1B2A17

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3601 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 #0C3601 looks like.

```
.text, #text, p{  
    color:#0C3601  
}
```

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 #0C3601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3601
}
```

Border

The CSS property to change the border of an element to Hex 0C3601 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".

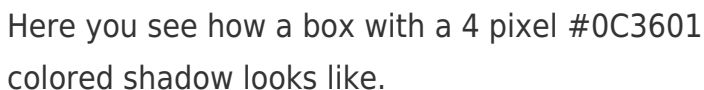
```
.border, #border, table{ border:4px solid
#0C3601 }
```

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

```
.border{ border-color:#0C3601 }
```

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

Here you see how a box with a 4 pixel #0C3601 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3601; -webkit-box-shadow:4px 4px  
4px 4px #0C3601; box-shadow:4px 4px 4px  
4px #0C3601 }
```

Background

The CSS property to change the background color of an element to Hex 0C3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3601 }
```

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

```
.background{ background-color:#0C3601 }
```

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