

Converting Colors

Hex(376A00)

Have a look what the booklet for
Hex(376A00) contains.

Hex(376A00)	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(376A00)

Conversions

Conversions Part 1

Format	Color
Hex	376A00
RGB	55, 106, 0
RGB Percent	22%, 42%, 0%
CMY	0.7843, 0.5843, 1.0000
CMYK	0.48, 0.00, 1.00, 0.58
HSL	89°, 100%, 21%
HSV	89°, 100%, 42%
XYZ	6.7296, 11.1203, 1.7917
YIQ	78.6670, 3.6300, -43.7780

Conversions

Conversions Part 2

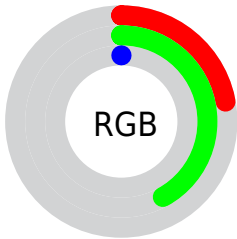
Format	Color
RYB	0, 106, 51
Decimal	3631616
CIELab	39.78, -33.59, 45.31
CIELCh	40, 56.401, 126.555
Yxy	11.1203, 0.3426, 0.5662
Android (android.graphics.Color)	4281821696 (0xFF376A00)
YUV	78.6670, -38.7828, -20.7560
Hunter-Lab	33.3471, -22.3354, 20.1573

Details

The Hex color **376A00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **33006A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6C9E3B**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **376A00**, and if you desaturate by 10%, it is **3C6A0B**.

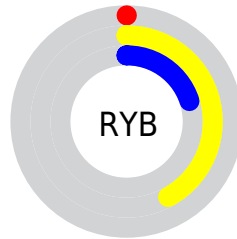
Distribution



Red (22%)

Green (42%)

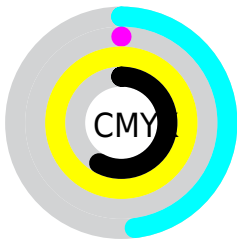
Blue (0%)



Red (0%)

Yellow (42%)

Blue (20%)

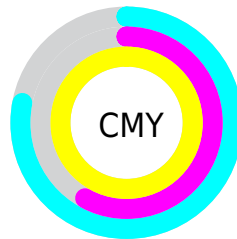


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 376A00 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 376A00 by changing the saturation by 10% instead.

 376A00

 376A00

 FFFFF8

 1C5100

 6C9E3B

 003A00

 87B954

 002500

 A2D56E

 000000

 BEF188

 DBFFA3

 F8FFBF

 FFFFDC

 376A00

 3C6A0B

 416A15

 466A20

 4B6A2A

 516A35

 566A40

 5B6A4A

 606A55

 656A5F

Harmonies

Analogous

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



695F00



376A00



007037

Triad

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



376A00



006CB2



AE2756

Complementary

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



376A00



33006A

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.



9C3483



376A00



0060BA

Square

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



376A00



007194



6A4CA8



A73729

Rectangle

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



376A00



007257



6A4CA8



AB2865

Sweetspot

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



376A00



768A60



6A3100



39452C



C4C4C4



454545

Same Dimension

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



376A00



478A00



046A00



333630



3D7500



7FF500

Inverse Universe

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



33006A



42008A



66006A



333036



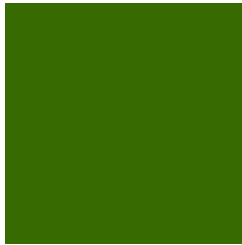
380075



7600F5

Previews

White Background



This preview shows how the Hex color 376A00 looks on a white background.

Color Contrast Check

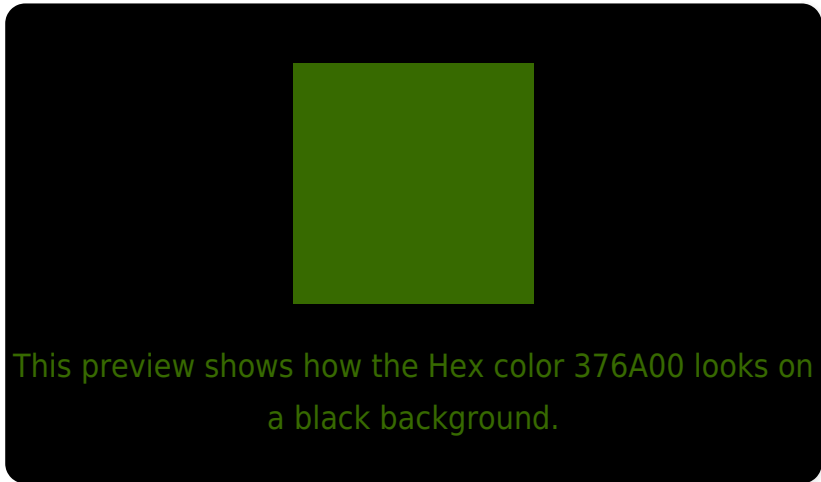
Large Text (above 18pt) WCAG AA ✓ Pass

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

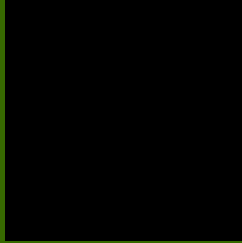
Any Text WCAG AA × Fail

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 376A00 Background



This preview shows how black text looks on a background with the Hex color 376A00.



This preview shows how white text looks on a background with the Hex color 376A00.

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
376A00

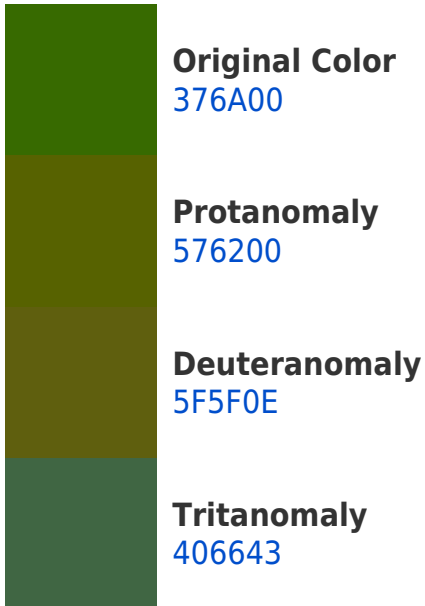
Protanopia
6A5E00

Deuteranopia
765916



Tritanopia
45636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 376A00 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 #376A00 looks like.

```
.text, #text, p{  
    color:#376A00  
}
```

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 #376A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376A00
}
```

Border

The CSS property to change the border of an element to Hex 376A00 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".

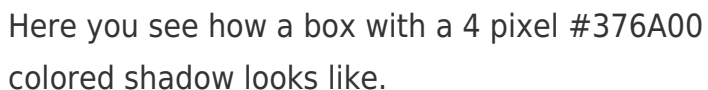
```
.border, #border, table{ border:4px solid
#376A00 }
```

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

```
.border{ border-color:#376A00 }
```

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

Here you see how a box with a 4 pixel #376A00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376A00; -webkit-box-shadow:4px 4px  
4px 4px #376A00; box-shadow:4px 4px 4px  
4px #376A00 }
```

Background

The CSS property to change the background color of an element to Hex 376A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376A00 }
```

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

```
.background{ background-color:#376A00 }
```

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