

Converting Colors

Hex(376A24)

Have a look what the booklet for
Hex(376A24) contains.

Hex(376A24)	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(376A24)

Conversions

Conversions Part 1

Format	Color
Hex	376A24
RGB	55, 106, 36
RGB Percent	22%, 42%, 14%
CMY	0.7843, 0.5843, 0.8588
CMYK	0.48, 0.00, 0.66, 0.58
HSL	104°, 49%, 28%
HSV	104°, 66%, 42%
XYZ	7.0480, 11.2477, 3.4686
YIQ	82.7710, -7.9260, -32.5820

Conversions

Conversions Part 2

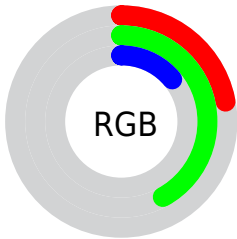
Format	Color
R_{YB}	36, 106, 87
Decimal	3631652
CIE _{Lab}	39.99, -31.29, 33.14
CIE _{LCh}	40, 45.582, 133.358
Yxy	11.2477, 0.3238, 0.5168
Android (android.graphics.Color)	4281821732 (0xFF376A24)
YUV	82.7710, -23.0581, -24.3552
Hunter-Lab	33.5375, -21.1784, 17.3442

Details

The Hex color **376A24** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57246A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6A9E54**, and **013A00** is the 20% darker color. If you saturate the color by 10%, you get **2F6A19**, and if you desaturate by 10%, it is **3F6A2F**.

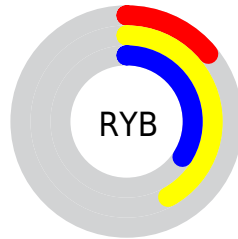
Distribution



Red (22%)

Green (42%)

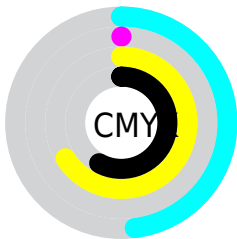
Blue (14%)



Red (14%)

Yellow (42%)

Blue (34%)

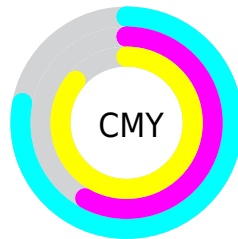


Cyan (48%)

Magenta (0%)

Yellow (66%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 376A24 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 376A24 by changing the saturation by 10% instead.

 376A24

 376A24

FFFFFF

 1D510B

 6A9E54

 013A00

 85B96D

 002500

 A0D587

 000000

 BBF1A1

 D8FFBD

 F5FFD9

 FFFFF6

 376A24

 376A24

■ 2F6A19

■ 3F6A2F

■ 286A0F

■ 466A39

■ 206A04

■ 4E6A44

■ 1D6A00

■ 566A4E

■ 5E6A59

■ 656A64

■ 6D6A6E

■ 756A79

■ 7D6A83

Harmonies

Analogous

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



616209



376A24



006E48

Triad

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



376A24



0068A5



A13A4F

Complementary

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



376A24



57246A

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.



973E74



376A24



315DA7

Square

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



376A24



006E91



754D95



99452D

Rectangle

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



376A24



007061



754D95



A03A5C

Sweetspot

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



376A24



768A6E



6A5624



394534



C4C4C4



454545

Same Dimension

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



376A24



3A8A1D



246A33



323630



207500



42F500

Inverse Universe

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



57246A



6C1D8A



6A245B



343036



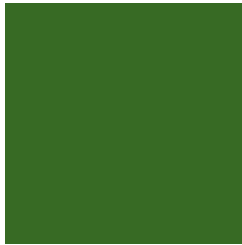
550075



B200F5

Previews

White Background



This preview shows how the Hex color 376A24 looks on a white background.

Color Contrast Check

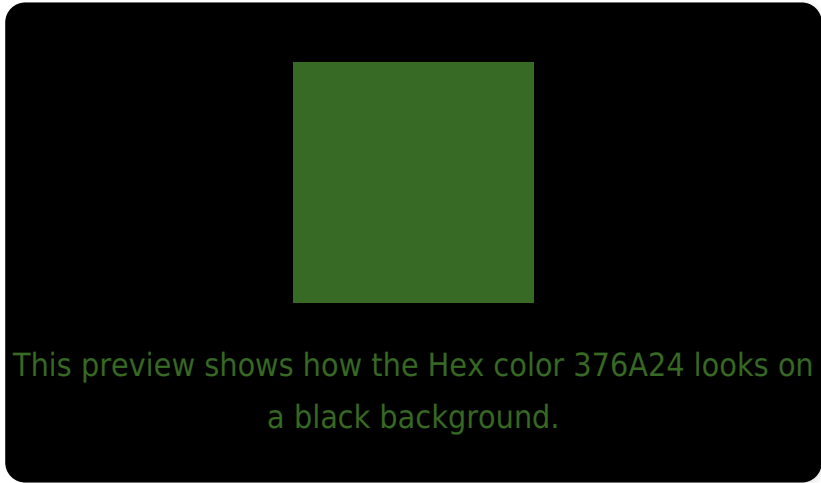
Large Text (above 18pt) WCAG AA ✓ Pass

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 376A24 Background



This preview shows how black text looks on a background with the Hex color 376A24.



This preview shows how white text looks on a background with the Hex color 376A24.

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
376A24

Protanopia
695E21

Deuteranopia
745929



Tritanopia
44636B

Trichromacy



Original Color
376A24

Protanomaly
576222

Deuteranomaly
5E5F27

Tritanomaly
3F6651

Monochromacy



Original Color
376A24

Achromatopsia
535353

Achromatomaly
495B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 376A24 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 #376A24 looks like.

```
.text, #text, p{  
    color:#376A24  
}
```

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 #376A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376A24
}
```

Border

The CSS property to change the border of an element to Hex 376A24 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".

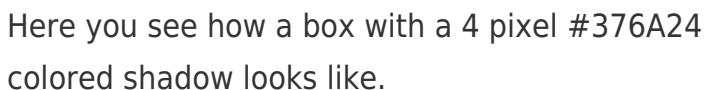
```
.border, #border, table{ border:4px solid
#376A24 }
```

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

```
.border{ border-color:#376A24 }
```

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

Here you see how a box with a 4 pixel #376A24 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376A24; -webkit-box-shadow:4px 4px  
4px 4px #376A24; box-shadow:4px 4px 4px  
4px #376A24 }
```

Background

The CSS property to change the background color of an element to Hex 376A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376A24 }
```

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

```
.background{ background-color:#376A24 }
```

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