

# Converting Colors

Hex(376D41)

Have a look what the booklet for  
Hex(376D41) contains.

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# Color

**Hex(376D41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	376D41
RGB	55, 109, 65
RGB Percent	22%, 43%, 25%
CMY	0.7843, 0.5725, 0.7451
CMYK	0.50, 0.00, 0.40, 0.57
HSL	131°, 33%, 32%
HSV	131°, 50%, 43%
XYZ	7.9983, 12.1312, 6.9210
YIQ	87.8380, -18.0600, -25.1320

# Conversions

## Conversions Part 2

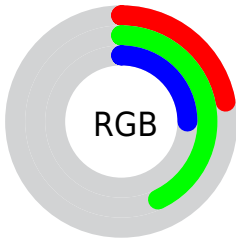
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 101, 109
Decimal	3632449
CIELab	41.42, -28.41, 19.19
CIELCh	41, 34.282, 145.963
Yxy	12.1312, 0.2957, 0.4485
Android (android.graphics.Color)	4281822529 (0xFF376D41)
YUV	87.8380, -11.2591, -28.7989
Hunter-Lab	34.8298, -19.9614, 12.5994

# Details

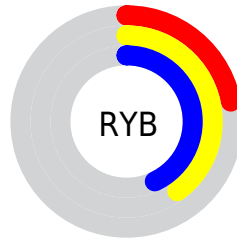
The Hex color **376D41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D3763**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6AA171**, and **003D15** is the 20% darker color. If you saturate the color by 10%, you get **2C6D38**, and if you desaturate by 10%, it is **426D4A**.

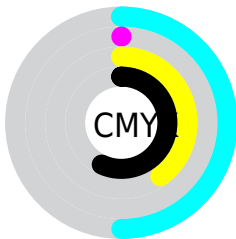
# Distribution



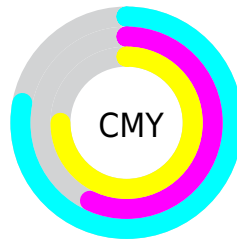
- Red (22%)
- Green (43%)
- Blue (25%)



- Red (22%)
- Yellow (40%)
- Blue (43%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (57%)



- Cyan (78%)
- Magenta (57%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 376D41 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 376D41 by changing the saturation by 10% instead.



 376D41

 376D41

FFFFFF

 1E542A

 6AA171

 003D15

 84BC8B

 002700

 9FD8A5

 000A00

 BAF5C1

 000000

 D6FFDD

 F3FFF9

 376D41

 376D41

 2C6D38

 426D4A

■ 216D2F

■ 4D6D53

■ 166D26

■ 586D5C

■ 0B6D1D

■ 636D65

■ 016D15

■ 6E6D6D

■ 006D14

■ 786D76

■ 836D7F

■ 8E6D88

■ 996D91

# Harmonies

## Analogous

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



5A672D



376D41



00705D

# Triad

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



376D41



22669A



964C4B

# Complementary

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



376D41



6D3763

# 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.



934A67



376D41



5E5C94

# Square

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



376D41



006D90



815182



8B5534

# Rectangle

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



376D41



007070



815182



974A54



# Sweetspot

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



376D41



798F7D



636D37



3B473D



C7C7C7



474747



# Same Dimension

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



376D41



3B8F4A



376D5C



303631



007516



00F52D



# Inverse Universe

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



6D3763



8F3B7F



6D3748



363035



750060

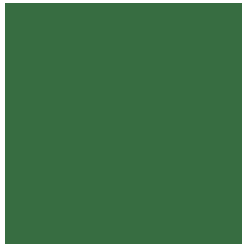


F500C7



# Previews

## White Background



This preview shows how the Hex color 376D41 looks on a white background.

## Color Contrast Check

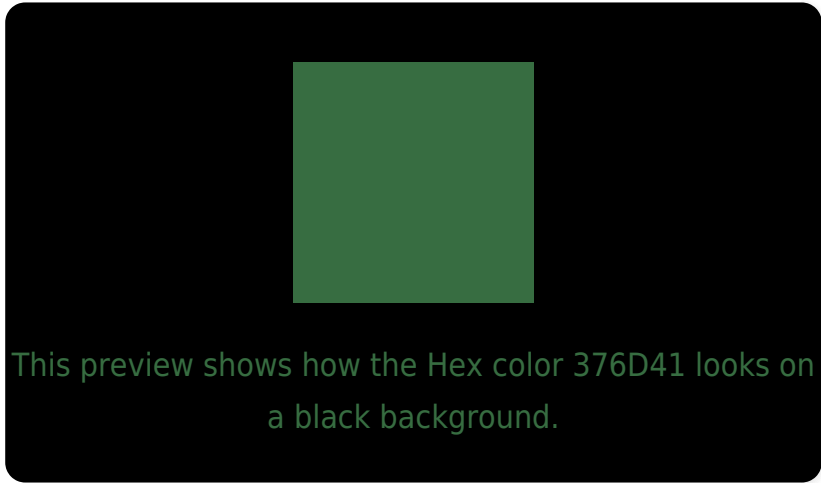
Large Text (above 18pt) WCAG AA ✓ Pass

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

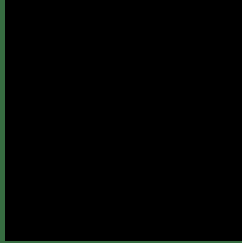
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 376D41 Background



This preview shows how black text looks on a background with the Hex color 376D41.



This preview shows how white text looks on a background with the Hex color 376D41.

# 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**  
376D41

**Protanopia**  
6A613C

**Deuteranopia**  
745D45



**Tritanopia**  
426770

# Trichromacy



**Original Color**  
376D41

**Protanomaly**  
57653E

**Deuteranomaly**  
5E6344

**Tritanomaly**  
3E695F

# Monochromacy



**Original Color**  
376D41

**Achromatopsia**  
585858

**Achromatomaly**  
4C6050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 376D41 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 #376D41 looks like.

```
.text, #text, p{  
    color:#376D41  
}
```

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 #376D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376D41
}
```

## Border

The CSS property to change the border of an element to Hex 376D41 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".

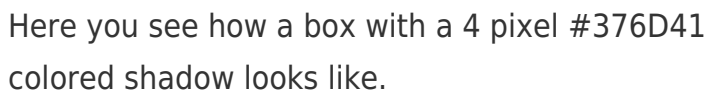
```
.border, #border, table{ border:4px solid
#376D41 }
```

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

```
.border{ border-color:#376D41 }
```

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

Here you see how a box with a 4 pixel #376D41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376D41; -webkit-box-shadow:4px 4px  
4px 4px #376D41; box-shadow:4px 4px 4px  
4px #376D41 }
```

# Background

The CSS property to change the background color of an element to Hex 376D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376D41 }
```

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

```
.background{ background-color:#376D41 }
```

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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