

# Converting Colors

Hex(376B61)

Have a look what the booklet for  
Hex(376B61) contains.

<b>Hex(376B61)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(376B61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	376B61
RGB	55, 107, 97
RGB Percent	22%, 42%, 38%
CMY	0.7843, 0.5804, 0.6196
CMYK	0.49, 0.00, 0.09, 0.58
HSL	168°, 32%, 32%
HSV	168°, 49%, 42%
XYZ	8.9909, 12.1907, 13.1884
YIQ	90.3120, -27.7820, -14.1340

# Conversions

## Conversions Part 2

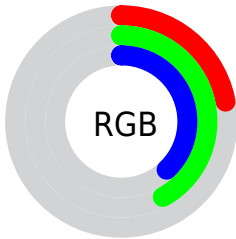
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 84, 107
Decimal	3631969
CIELab	41.52, -20.10, 0.21
CIELCh	42, 20.102, 179.394
Yxy	12.1907, 0.2616, 0.3547
Android (android.graphics.Color)	4281822049 (0xFF376B61)
YUV	90.3120, 3.2972, -30.9686
Hunter-Lab	34.9152, -15.1365, 2.0451

# Details

The Hex color **376B61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3741**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6A9F94**, and **003B33** is the 20% darker color. If you saturate the color by 10%, you get **2C6B5F**, and if you desaturate by 10%, it is **426B63**.

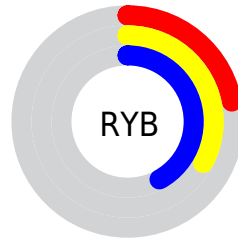
# Distribution



Red (22%)

Green (42%)

Blue (38%)



Red (22%)

Yellow (33%)

Blue (42%)

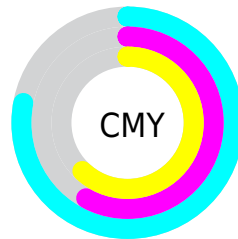


Cyan (49%)

Magenta (0%)

Yellow (9%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 376B61 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 376B61 by changing the saturation by 10% instead.



 376B61

 376B61

FFFFFF

 1D5349

 6A9F94

 003B33

 84BAAE

 00251E

 9FD5C9

 000B05

 BAF2E6

 000000

 D6FFFF

 F3FFFF

 376B61

 376B61

 2C6B5F

 426B63

■ 226B5D

■ 4C6B65

■ 176B5B

■ 576B67

■ 0C6B59

■ 626B69

■ 016B57

■ 6D6B6B

■ 006B56

■ 776B6D

■ 826B6F

■ 8D6B71

■ 976B74

# Harmonies

## Analogous

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



496951



376B61



2D6B72

# Triad

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



376B61



645E7F



7B5B46

# Complementary

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



376B61



6B3741

# 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.



825753



376B61



775873

# Square

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



376B61



4C6483



815663



6E6141

# Rectangle

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



376B61



30697A



815663



7F594A



# Sweetspot

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



376B61



778C88



416B37



3B4745



C7C7C7



474747



# Same Dimension

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



376B61



3B8C7D



375B6B



303635



00755F



00F5C6



# Inverse Universe

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



6B3741



8C3B4B



6B4737



363031



750017



F5002F



# Previews

## White Background



This preview shows how the Hex color 376B61 looks on a white background.

## Color Contrast Check

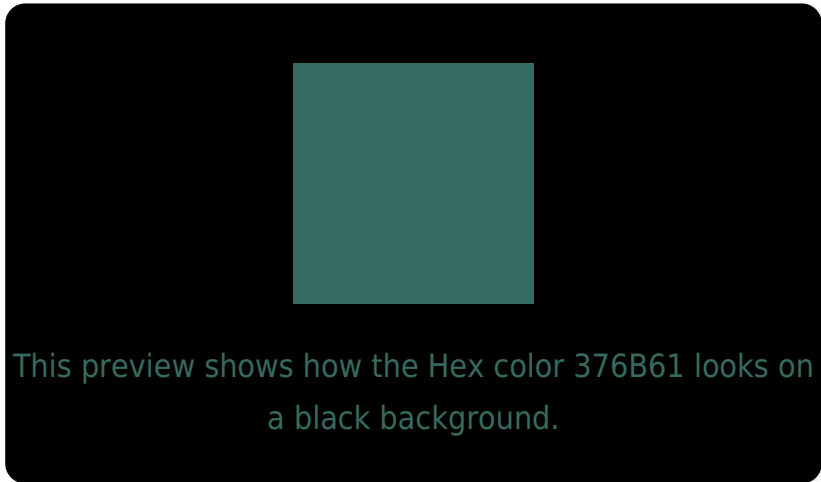
Large Text (above 18pt) WCAG AA ✓ Pass

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

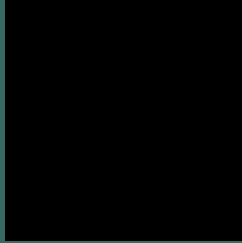
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 376B61 Background



This preview shows how black text looks on a background with the Hex color 376B61.



This preview shows how white text looks on a background with the Hex color 376B61.

# 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**  
376B61

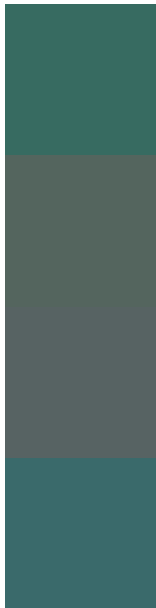
**Protanopia**  
65615C

**Deuteranopia**  
6A5E64



**Tritanopia**  
3C6971

# Trichromacy



**Original Color**  
376B61

**Protanomaly**  
54655E

**Deuteranomaly**  
576363

**Tritanomaly**  
3A6A6B

# Monochromacy



**Original Color**  
376B61

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4D605D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 376B61 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 #376B61 looks like.

```
.text, #text, p{  
  color:#376B61  
}
```

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 #376B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376B61
}
```

## Border

The CSS property to change the border of an element to Hex 376B61 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
#376B61 }
```

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

```
.border{ border-color:#376B61 }
```

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

Here you see how a box with a 4 pixel #376B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376B61; -webkit-box-shadow:4px 4px  
4px 4px #376B61; box-shadow:4px 4px 4px  
4px #376B61 }
```

# Background

The CSS property to change the background color of an element to Hex 376B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376B61 }
```

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

```
.background{ background-color:#376B61 }
```

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**