

# Converting Colors

Hex(406D41)

Have a look what the booklet for  
Hex(406D41) contains.

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# Color

**Hex(406D41)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	406D41
RGB	64, 109, 65
RGB Percent	25%, 43%, 25%
CMY	0.7490, 0.5725, 0.7451
CMYK	0.41, 0.00, 0.40, 0.57
HSL	121°, 26%, 34%
HSV	121°, 41%, 43%
XYZ	8.5371, 12.4089, 6.9462
YIQ	90.5290, -12.6960, -23.2240

# Conversions

## Conversions Part 2

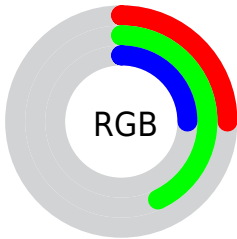
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 108, 109
Decimal	4222273
CIE <sub>Lab</sub>	41.86, -25.47, 19.84
CIE <sub>LCh</sub>	42, 32.287, 142.081
Yxy	12.4089, 0.3061, 0.4449
Android (android.graphics.Color)	4282412353 (0xFF406D41)
YUV	90.5290, -12.5858, -23.2659
Hunter-Lab	35.2263, -18.3864, 12.9671

# Details

The Hex color **406D41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D406C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **72A171**, and **0E3D15** is the 20% darker color. If you saturate the color by 10%, you get **356D36**, and if you desaturate by 10%, it is **4B6D4C**.

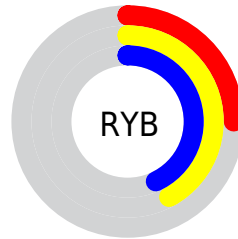
# Distribution



Red (25%)

Green (43%)

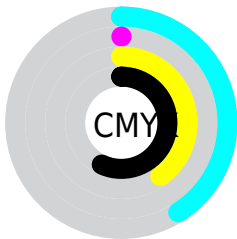
Blue (25%)



Red (25%)

Yellow (42%)

Blue (43%)

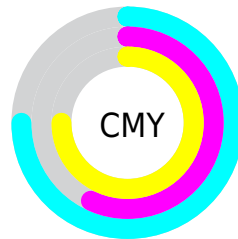


Cyan (41%)

Magenta (0%)

Yellow (40%)

Black (57%)



Cyan (75%)

Magenta (57%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 406D41 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 406D41 by changing the saturation by 10% instead.





406D41



406D41

FFFFFF



28542A



72A171



0E3D15



8CBC8B



002700



A7D8A5



000D00



C3F4C1



000000



DFFFDD



FCFFF9



406D41



406D41



356D36




4B6D4C

 2A6D2C

 566D56

 1F6D21

 616D61


 146D16

 6C6D6C

 0A6D0C

 776D76

 006D02

 816D81

 8C6D8C

 976D96

 A26DA1

# Harmonies

## Analogous

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



5F6730



406D41



0C705B

# Triad

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



406D41



226897



954E50

# Complementary

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



406D41



6D406C

# 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.



914D6B



406D41



5A5F94

# Square

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



406D41



006E8C



7D5484



8C553A

# Rectangle

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



406D41



00706D



7D5484



954D59



# Sweetspot

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



406D41



7E8F7E



6C6D40



3D473E



C7C7C7



474747



# Same Dimension

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



406D41



478F49



406D57



303630



007503



00F505



# Inverse Universe

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



6D406C



8F478D



6D4056



363035



750073

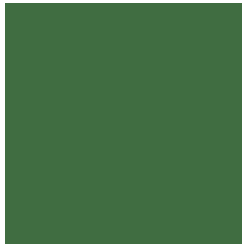


F500EF



# Previews

## White Background



This preview shows how the Hex color 406D41 looks on a white background.

## Color Contrast Check

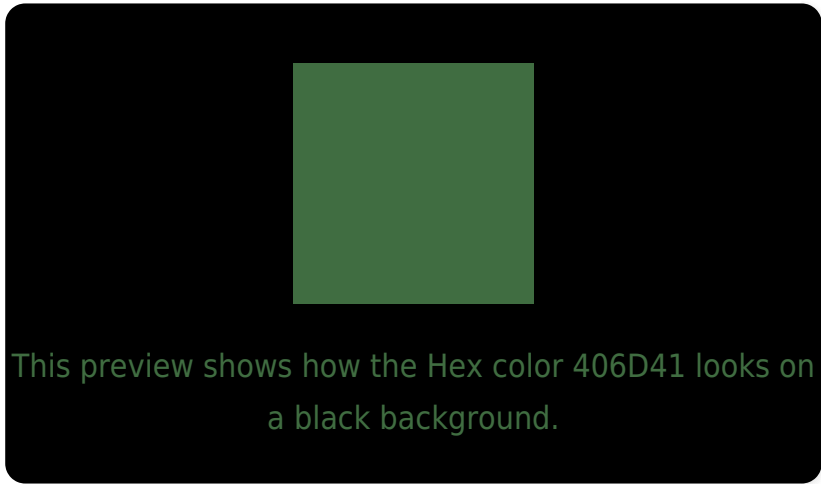
Large Text (above 18pt) WCAG AA ✓ Pass

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

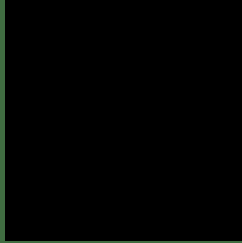
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 406D41 Background



This preview shows how black text looks on a background with the Hex color 406D41.



This preview shows how white text looks on a background with the Hex color 406D41.

# 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**  
406D41

**Protanopia**  
6B623D

**Deuteranopia**  
755E44



**Tritanopia**  
496770

# Trichromacy



**Original Color**  
406D41

**Protanomaly**  
5B663E

**Deuteranomaly**  
626343

**Tritanomaly**  
46695F

# Monochromacy



**Original Color**  
406D41

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
516252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 406D41 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 #406D41 looks like.

```
.text, #text, p{  
    color:#406D41  
}
```

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 #406D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406D41
}
```

## Border

The CSS property to change the border of an element to Hex 406D41 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".

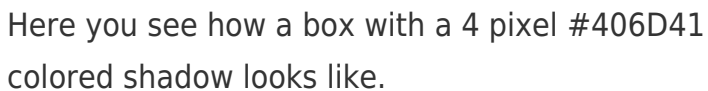
```
.border, #border, table{ border:4px solid
#406D41 }
```

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

```
.border{ border-color:#406D41 }
```

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

Here you see how a box with a 4 pixel #406D41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406D41; -webkit-box-shadow:4px 4px  
4px 4px #406D41; box-shadow:4px 4px 4px  
4px #406D41 }
```

# Background

The CSS property to change the background color of an element to Hex 406D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406D41 }
```

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

```
.background{ background-color:#406D41 }
```

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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