

# Converting Colors

Hex(406365)

Have a look what the booklet for  
Hex(406365) contains.

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# Color

**Hex(406365)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	406365
RGB	64, 99, 101
RGB Percent	25%, 39%, 40%
CMY	0.7490, 0.6118, 0.6039
CMYK	0.37, 0.02, 0.00, 0.60
HSL	183°, 22%, 32%
HSV	183°, 37%, 40%
XYZ	8.9252, 10.9533, 13.9557
YIQ	88.7630, -21.5020, -6.7980

# Conversions

## Conversions Part 2

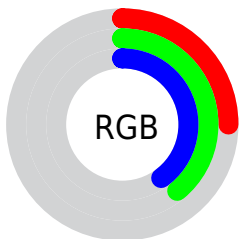
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 82, 101
Decimal	4219749
CIELab	39.50, -11.97, -5.15
CIElCh	40, 13.027, 203.268
Yxy	10.9533, 0.2638, 0.3237
Android (android.graphics.Color)	4282409829 (0xFF406365)
YUV	88.7630, 6.0328, -21.7172
Hunter-Lab	33.0957, -9.7801, -1.8342

# Details

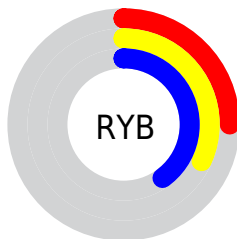
The Hex color **406365** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654240**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **729698**, and **103436** is the 20% darker color. If you saturate the color by 10%, you get **366265**, and if you desaturate by 10%, it is **4A6465**.

# Distribution



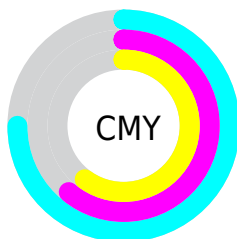
- Red (25%)
- Green (39%)
- Blue (40%)



- Red (25%)
- Yellow (32%)
- Blue (40%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (75%)
- Magenta (61%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 406365 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 406365 by changing the saturation by 10% instead.



406365

406365

FFFFFF

284B4D

729698

103436

8CB1B3

001F21

A6CCCE

00000A

C2E8EA

000000

DEFFFF

FBFFFF

406365

406365

366265

4A6465

■ 2C6265

■ 546465

■ 226165

■ 5E6565

■ 186165

■ 686565

■ 0E6065

■ 736665

■ 036065

■ 7D6665

■ 006065

■ 876765

■ 916765

■ 9B6865

# Harmonies

## Analogous

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



46635A



406365



43626E

# Triad

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



406365



69586A



685C48

# Complementary

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



406365



654240

# 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.



70584C



406365



715660

# Square

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



406365



5C5B70



735655



5C5F49

# Rectangle

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



406365



496071



735655



6B5A49



# Sweetspot

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



406365



748182



406542



3A4242



C2C2C2



424242



# Same Dimension

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



406365



497F82



405165



2E3333



006D73



00E5F2



# Inverse Universe

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



654063



82497F



655440



332E33



73006D



F200E5



# Previews

## White Background



This preview shows how the Hex color 406365 looks on a white background.

## Color Contrast Check

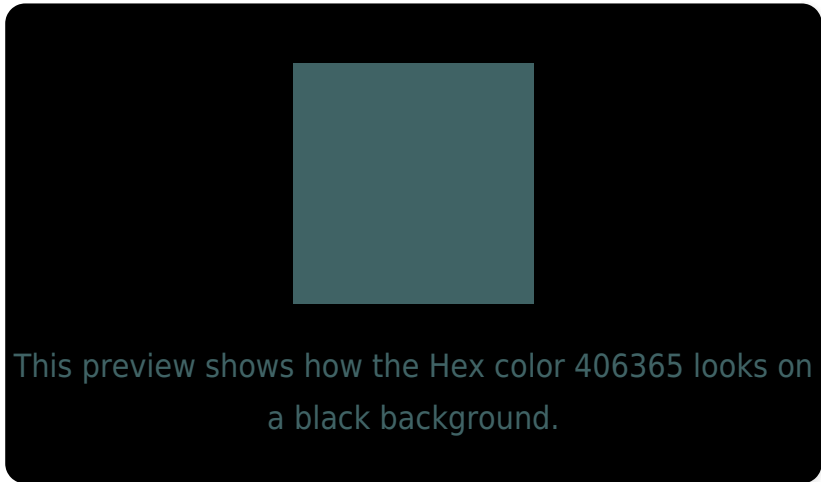
Large Text (above 18pt) WCAG AA ✓ Pass

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

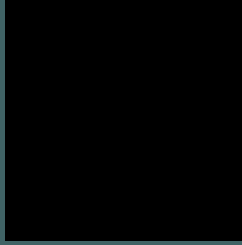
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 406365 Background



This preview shows how black text looks on a background with the Hex color 406365.

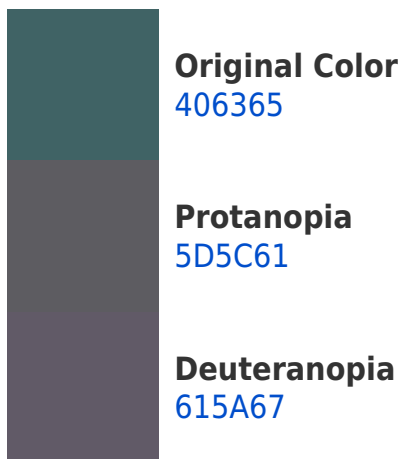



This preview shows how white text looks on a background with the Hex color 406365.

# 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](#).

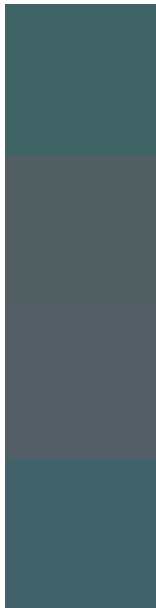
## Dichromacy





**Tritanopia**  
41626A

# Trichromacy



**Original Color**  
406365

**Protanomaly**  
525F62

**Deuteranomaly**  
555D66

**Tritanomaly**  
416268

# Monochromacy



**Original Color**  
406365

**Achromatopsia**  
595959

**Achromatomaly**  
505D5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 406365 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 #406365 looks like.

```
.text, #text, p{  
    color:#406365  
}
```

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 #406365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406365
}
```

## Border

The CSS property to change the border of an element to Hex 406365 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".

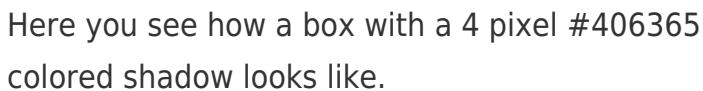
```
.border, #border, table{ border:4px solid
#406365 }
```

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

```
.border{ border-color:#406365 }
```

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

Here you see how a box with a 4 pixel #406365 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406365; -webkit-box-shadow:4px 4px  
4px 4px #406365; box-shadow:4px 4px 4px  
4px #406365 }
```

# Background

The CSS property to change the background color of an element to Hex 406365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406365 }
```

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

```
.background{ background-color:#406365 }
```

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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