

# Converting Colors

Hex(406868)

Have a look what the booklet for  
Hex(406868) contains.

<b>Hex(406868)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(406868)**

# Conversions

## Conversions Part 1

Format	Color
Hex	406868
RGB	64, 104, 104
RGB Percent	25%, 41%, 41%
CMY	0.7490, 0.5922, 0.5922
CMYK	0.38, 0.00, 0.00, 0.59
HSL	180°, 24%, 33%
HSV	180°, 38%, 41%
XYZ	9.5634, 11.9901, 14.9070
YIQ	92.0400, -23.8400, -8.4800

# Conversions

## Conversions Part 2

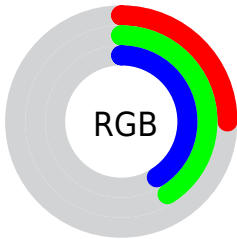
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 84, 104
Decimal	4221032
CIE <sub>Lab</sub>	41.20, -14.00, -4.46
CIE <sub>LCh</sub>	41, 14.690, 197.667
Yxy	11.9901, 0.2623, 0.3289
Android (android.graphics.Color)	4282411112 (0xFF406868)
YUV	92.0400, 5.8963, -24.5911
Hunter-Lab	34.6267, -11.2978, -1.2860

# Details

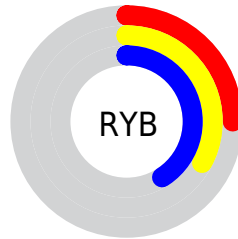
The Hex color **406868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684040**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **729B9B**, and **0F3939** is the 20% darker color. If you saturate the color by 10%, you get **366868**, and if you desaturate by 10%, it is **4A6868**.

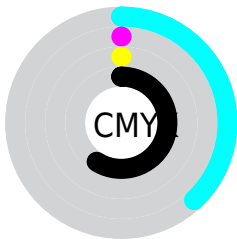
# Distribution



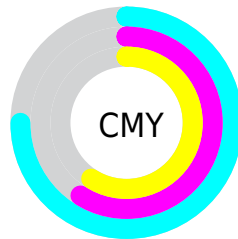
- Red (25%)
- Green (41%)
- Blue (41%)



- Red (25%)
- Yellow (33%)
- Blue (41%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (75%)
- Magenta (59%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 406868 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 406868 by changing the saturation by 10% instead.



 406868

 406868

FFFFFF

 285050

 729B9B

 0F3939

 8CB6B6

 002324

 A7D2D1

 00090E

 C3EEEE

 000000

 DFFFFF

 FCFFFF

 406868

 406868

 366868

 4A6868

■ 2B6868

■ 556868

■ 216868

■ 5F6868

■ 166868

■ 6A6868

■ 0C6868

■ 746868

■ 026868

■ 7E6868

■ 006868

■ 896868

■ 936868

■ 9E6868

# Harmonies

## Analogous

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



48685C



406868



416773

# Triad

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



406868



6C5C71



6F5F4A

# Complementary

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



406868



684040

# 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.



775B50



406868



765967

# Square

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



406868



5D6078



7A595A



63634A

# Rectangle

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



406868



486577



7A595A



725D4B



# Sweetspot

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



406868



778787



406840



3B4545



C4C4C4



454545



# Same Dimension

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



406868



498787



405468



2E3333



007373



00F2F2



# Inverse Universe

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



684068



874987



685440



332E33



730073



F200F2



# Previews

## White Background



This preview shows how the Hex color 406868 looks on a white background.

## Color Contrast Check

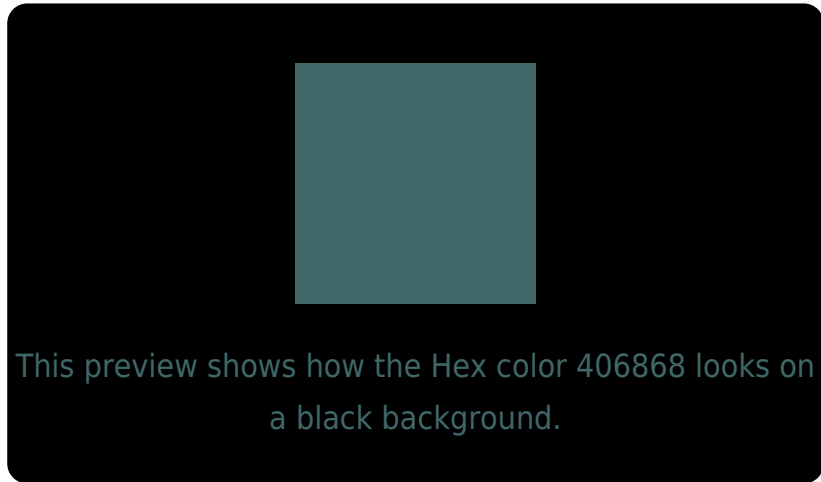
Large Text (above 18pt) WCAG AA ✓ Pass

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

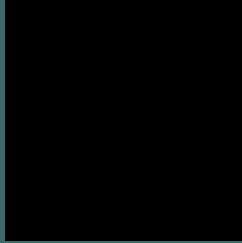
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 406868 Background



This preview shows how black text looks on a background with the Hex color 406868.

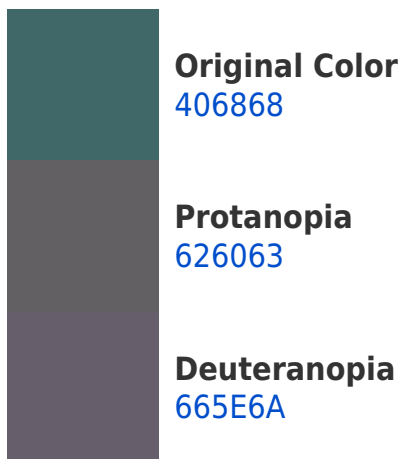



This preview shows how white text looks on a background with the Hex color 406868.

# 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](#).

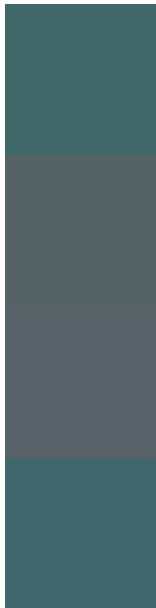
## Dichromacy





**Tritanopia**  
42676F

# Trichromacy



**Original Color**  
406868

**Protanomaly**  
566365

**Deuteranomaly**  
586269

**Tritanomaly**  
41676C

# Monochromacy



**Original Color**  
406868

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
526060

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 406868 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 #406868 looks like.

```
.text, #text, p{  
    color:#406868  
}
```

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 #406868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406868
}
```

## Border

The CSS property to change the border of an element to Hex 406868 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
#406868 }
```

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

```
.border{ border-color:#406868 }
```

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

Here you see how a box with a 4 pixel #406868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406868; -webkit-box-shadow:4px 4px  
4px 4px #406868; box-shadow:4px 4px 4px  
4px #406868 }
```

# Background

The CSS property to change the background color of an element to Hex 406868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406868 }
```

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

```
.background{ background-color:#406868 }
```

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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