

# Converting Colors

Hex(405C57)

Have a look what the booklet for  
Hex(405C57) contains.

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# Color

**Hex(405C57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	405C57
RGB	64, 92, 87
RGB Percent	25%, 36%, 34%
CMY	0.7490, 0.6392, 0.6588
CMYK	0.30, 0.00, 0.05, 0.64
HSL	169°, 18%, 31%
HSV	169°, 30%, 36%
XYZ	7.6618, 9.4324, 10.4336
YIQ	83.0580, -15.0830, -7.4910

# Conversions

## Conversions Part 2

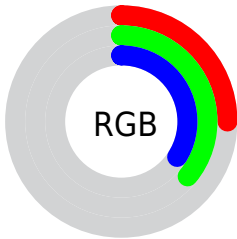
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 79, 92
Decimal	4217943
CIELab	36.80, -11.61, -0.48
CIELCh	37, 11.622, 182.368
Yxy	9.4324, 0.2783, 0.3426
Android (android.graphics.Color)	4282408023 (0xFF405C57)
YUV	83.0580, 1.9434, -16.7139
Hunter-Lab	30.7122, -9.2158, 1.3564

# Details

The Hex color **405C57** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C4045**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **718E89**, and **132E2A** is the 20% darker color. If you saturate the color by 10%, you get **375C55**, and if you desaturate by 10%, it is **495C59**.

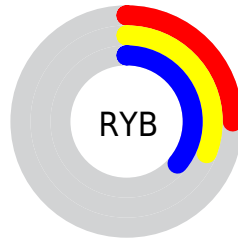
# Distribution



Red (25%)

Green (36%)

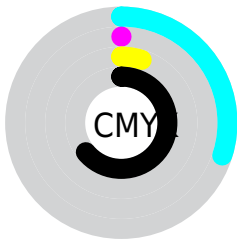
Blue (34%)



Red (25%)

Yellow (31%)

Blue (36%)

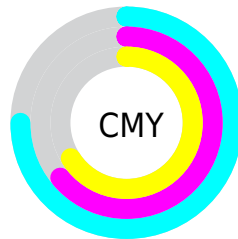


Cyan (30%)

Magenta (0%)

Yellow (5%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 405C57 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 405C57 by changing the saturation by 10% instead.





405C57



405C57

FFFFFF



294440



718E89



132E2A



8AA9A3



001A15



A5C4BE



000000



C0E0DA



DCFDF6



F9FFFF



405C57



405C57



375C55



495C59

 2E5C54


 525C5A

 245C52

 5C5C5C

 1B5C50

 655C5E

 125C4F

 6E5C5F

 095C4D

 775C61

 005C4C

 805C62

 8A5C64

 935C66

# Harmonies

## Analogous

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



485B4E



405C57



3D5C60

# Triad

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



405C57



595466



655346

# Complementary

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



405C57



5C4045

# 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.



6A514D



405C57



63515F

# Square

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



405C57



4D5769



695056



5D5644

# Rectangle

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



405C57



405B65



695056



675248



# Sweetspot

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



405C57



6D7876



455C40



363D3C



BDBDBD



3D3D3D



# Same Dimension

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



405C57



4C7870



40535C



292E2D



006E5A



00EDC3



# Inverse Universe

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



5C4045



784C53



5C4940



2E292A



6E0014



ED002A



# Previews

## White Background



This preview shows how the Hex color 405C57 looks on a white background.

## Color Contrast Check

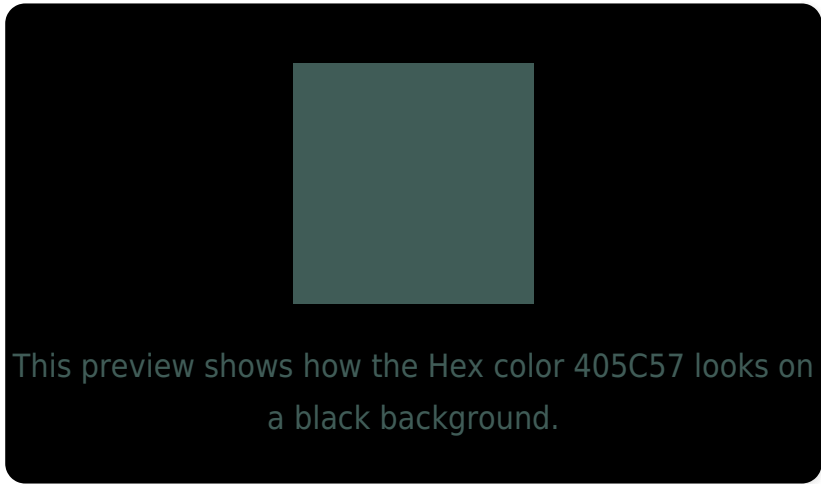
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

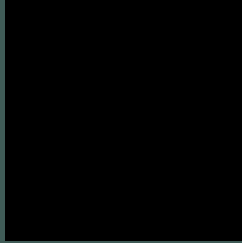
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

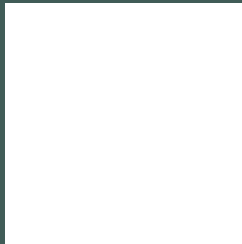
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 405C57 Background



This preview shows how black text looks on a background with the Hex color 405C57.

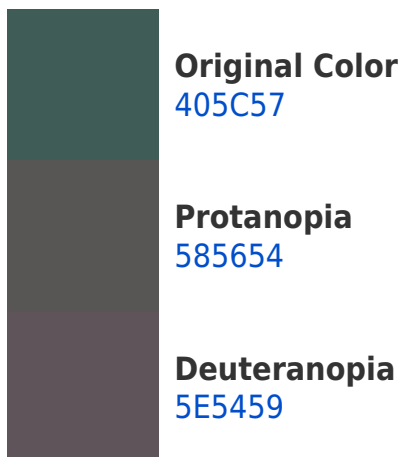



This preview shows how white text looks on a background with the Hex color 405C57.

# 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](#).

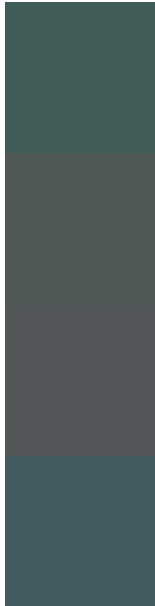
## Dichromacy





**Tritanopia**  
425A62

# Trichromacy



**Original Color**  
405C57

**Protanomaly**  
4F5855

**Deuteranomaly**  
535758

**Tritanomaly**  
415B5E

# Monochromacy



**Original Color**  
405C57

**Achromatopsia**  
535353

**Achromatomaly**  
4C5654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 405C57 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 #405C57 looks like.

```
.text, #text, p{  
    color:#405C57  
}
```

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 #405C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405C57
}
```

## Border

The CSS property to change the border of an element to Hex 405C57 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
#405C57 }
```

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

```
.border{ border-color:#405C57 }
```

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

Here you see how a box with a 4 pixel #405C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405C57; -webkit-box-shadow:4px 4px  
4px 4px #405C57; box-shadow:4px 4px 4px  
4px #405C57 }
```

# Background

The CSS property to change the background color of an element to Hex 405C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405C57 }
```

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

```
.background{ background-color:#405C57 }
```

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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