

# Converting Colors

Hex(405E5E)

Have a look what the booklet for  
Hex(405E5E) contains.

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# Color

**Hex(405E5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	405E5E
RGB	64, 94, 94
RGB Percent	25%, 37%, 37%
CMY	0.7490, 0.6314, 0.6314
CMYK	0.32, 0.00, 0.00, 0.63
HSL	180°, 19%, 31%
HSV	180°, 32%, 37%
XYZ	8.1374, 9.9035, 12.0724
YIQ	85.0300, -17.8800, -6.3600

# Conversions

## Conversions Part 2

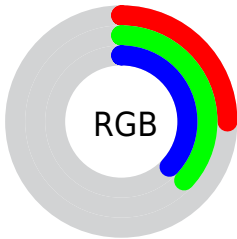
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 79, 94
Decimal	4218462
CIELab	37.67, -10.96, -3.55
CIELCh	38, 11.521, 197.943
Yxy	9.9035, 0.2702, 0.3289
Android (android.graphics.Color)	4282408542 (0xFF405E5E)
YUV	85.0300, 4.4222, -18.4433
Hunter-Lab	31.4699, -8.9161, -0.7157

# Details

The Hex color **405E5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4040**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **719090**, and **123030** is the 20% darker color. If you saturate the color by 10%, you get **375E5E**, and if you desaturate by 10%, it is **495E5E**.

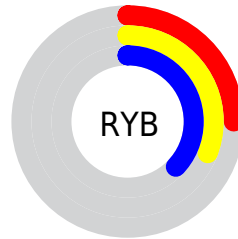
# Distribution



Red (25%)

Green (37%)

Blue (37%)



Red (25%)

Yellow (31%)

Blue (37%)

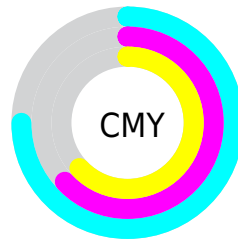


Cyan (32%)

Magenta (0%)

Yellow (0%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 405E5E 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 405E5E by changing the saturation by 10% instead.





405E5E



405E5E

FFFFFF



294646



719090



123030



8BABAB



001B1B



A5C6C6



000000



C1E2E2



DDFFFF



FAFFFF



405E5E



405E5E



375E5E



495E5E

■ 2D5E5E

■ 535E5E

■ 245E5E

■ 5C5E5E

■ 1A5E5E

■ 665E5E

■ 115E5E

■ 6F5E5E

■ 085E5E

■ 785E5E

■ 005E5E

■ 825E5E

■ 8B5E5E

■ 955E5E

# Harmonies

## Analogous

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



465E54



405E5E



415D66

# Triad

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



405E5E



615565



635747

# Complementary

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



405E5E



5E4040

# 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.



6A544B



405E5E



69525D

# Square

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



405E5E



55586A



6C5253



5A5A47

# Rectangle

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



405E5E



465B6A



6C5253



665648



# Sweetspot

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



405E5E



6E7A7A



405E40



363D3D



BDBDBD



3D3D3D



# Same Dimension

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



405E5E



4C7A7A



404F5E



292E2E



006E6E



00EDED



# Inverse Universe

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



5E405E



7A4C7A



5E4F40



2E292E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 405E5E looks on a white background.

## Color Contrast Check

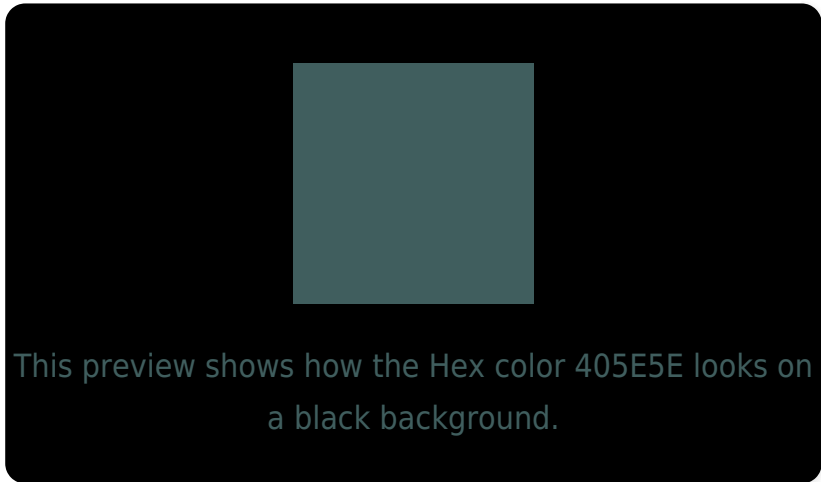
Large Text (above 18pt) WCAG AA ✓ Pass

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

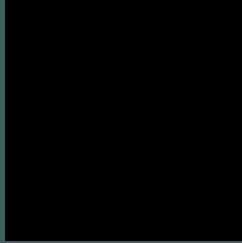
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 405E5E Background



This preview shows how black text looks on a background with the Hex color 405E5E.

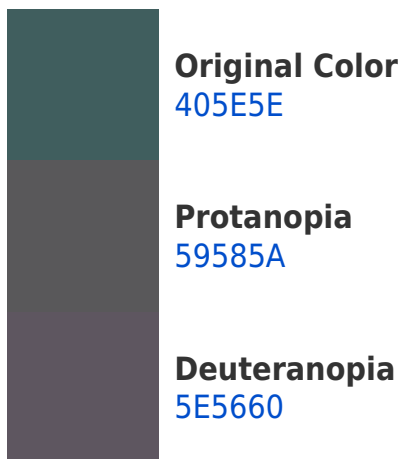



This preview shows how white text looks on a background with the Hex color 405E5E.

# 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**  
425D64

# Trichromacy



**Original Color**  
405E5E

**Protanomaly**  
505A5B

**Deuteranomaly**  
53595F

**Tritanomaly**  
415D62

# Monochromacy



**Original Color**  
405E5E

**Achromatopsia**  
555555

**Achromatomaly**  
4D5858

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 405E5E 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 #405E5E looks like.

```
.text, #text, p{  
    color:#405E5E  
}
```

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 #405E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405E5E
}
```

## Border

The CSS property to change the border of an element to Hex 405E5E 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
#405E5E }
```

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

```
.border{ border-color:#405E5E }
```

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

Here you see how a box with a 4 pixel #405E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405E5E; -webkit-box-shadow:4px 4px  
4px 4px #405E5E; box-shadow:4px 4px 4px  
4px #405E5E }
```

# Background

The CSS property to change the background color of an element to Hex 405E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405E5E }
```

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

```
.background{ background-color:#405E5E }
```

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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