

# Converting Colors

Hex(405C55)

Have a look what the booklet for  
Hex(405C55) contains.

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# Color

Hex(405C55)

# Conversions

## Conversions Part 1

Format	Color
Hex	405C55
RGB	64, 92, 85
RGB Percent	25%, 36%, 33%
CMY	0.7490, 0.6392, 0.6667
CMYK	0.30, 0.00, 0.08, 0.64
HSL	165°, 18%, 31%
HSV	165°, 30%, 36%
XYZ	7.5812, 9.4002, 10.0092
YIQ	82.8300, -14.4410, -8.1130

# Conversions

## Conversions Part 2

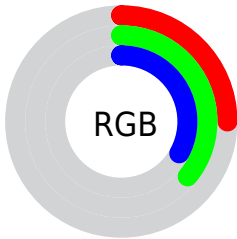
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 80, 92
Decimal	4217941
CIELab	36.74, -12.11, 0.67
CIELCh	37, 12.132, 176.814
Yxy	9.4002, 0.2809, 0.3483
Android (android.graphics.Color)	4282408021 (0xFF405C55)
YUV	82.8300, 1.0698, -16.5139
Hunter-Lab	30.6597, -9.5169, 2.1059

# Details

The Hex color **405C55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C4047**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **718E87**, and **132E28** is the 20% darker color. If you saturate the color by 10%, you get **375C53**, and if you desaturate by 10%, it is **495C57**.

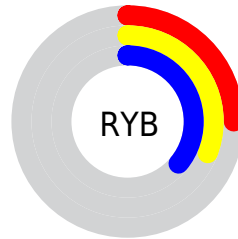
# Distribution



 Red (25%)

 Green (36%)

 Blue (33%)





 Red (25%)

 Yellow (31%)

 Blue (36%)

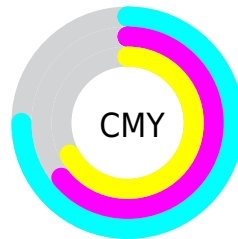


 Cyan (30%)


 Magenta (0%)

 Yellow (8%)

 Black (64%)



 Cyan (75%)

 Magenta (64%)

 Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 405C55 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 405C55 by changing the saturation by 10% instead.





405C55



405C55

FFFFFF



29443E



718E87



132E28



8AA9A1



001A14



A5C4BC



000000



C0E0D7



DCFDF4



F9FFFF



405C55



405C55



375C53



495C57

 2E5C50

 525C5A

 245C4E

 5C5C5C

 1B5C4C

 655C5E

 125C4A

 6E5C60

 095C47

 775C63

 005C45

 805C65

 8A5C67

 935C6A

# Harmonies

## Analogous

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



495B4C



405C55



3C5C5F

# Triad

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



405C55



575468



675246

# Complementary

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



405C55



5C4047

# 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.



6B504E



405C55



625161

# Square

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



405C55



4A586A



695058



5F5543

# Rectangle

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



405C55



3D5B64



695058



695149



# Sweetspot

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



405C55



6D7875



475C40



363D3C



BDBDBD



3D3D3D



# Same Dimension

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



405C55



4C786D



40555C



292E2D



006E52



00EDB2



# Inverse Universe

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



5C4047



784C57



5C4740



2E292A



6E001B



ED003B



# Previews

## White Background



This preview shows how the Hex color 405C55 looks on a white background.

## Color Contrast Check

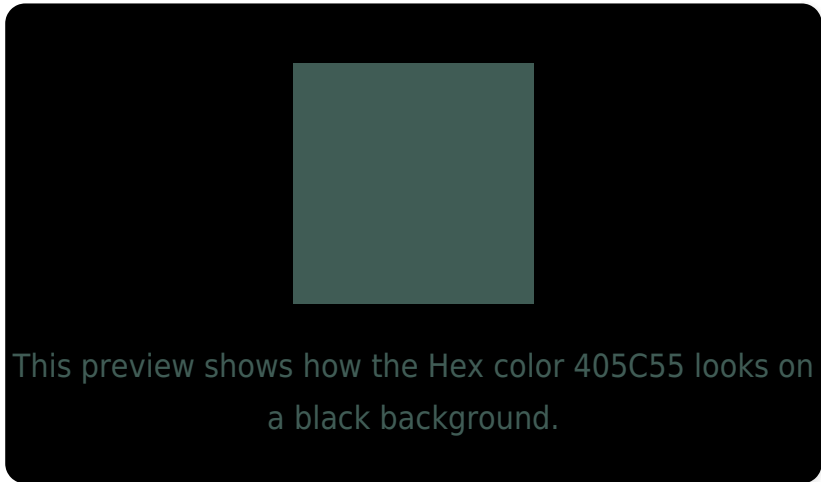
Large Text (above 18pt) WCAG AA ✓ Pass

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

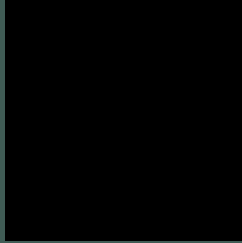
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

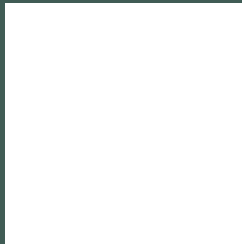
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 405C55 Background



This preview shows how black text looks on a background with the Hex color 405C55.



This preview shows how white text looks on a background with the Hex color 405C55.

# 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**  
405C55

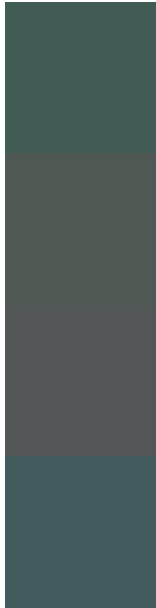
**Protanopia**  
595652

**Deuteranopia**  
5E5357



**Tritanopia**  
435A61

# Trichromacy



**Original Color**  
405C55

**Protanomaly**  
505853

**Deuteranomaly**  
535656

**Tritanomaly**  
425B5D

# Monochromacy



**Original Color**  
405C55

**Achromatopsia**  
535353

**Achromatomaly**  
4C5654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 405C55 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 #405C55 looks like.

```
.text, #text, p{  
    color:#405C55  
}
```

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 #405C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405C55
}
```

## Border

The CSS property to change the border of an element to Hex 405C55 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
#405C55 }
```

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

```
.border{ border-color:#405C55 }
```

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

Here you see how a box with a 4 pixel #405C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405C55; -webkit-box-shadow:4px 4px  
4px 4px #405C55; box-shadow:4px 4px 4px  
4px #405C55 }
```

# Background

The CSS property to change the background color of an element to Hex 405C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405C55 }
```

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

```
.background{ background-color:#405C55 }
```

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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