

# Converting Colors

Hex(415E5B)

Have a look what the booklet for  
Hex(415E5B) contains.

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# Color

Hex(415E5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	415E5B
RGB	65, 94, 91
RGB Percent	25%, 37%, 36%
CMY	0.7451, 0.6314, 0.6431
CMYK	0.31, 0.00, 0.03, 0.63
HSL	174°, 18%, 31%
HSV	174°, 31%, 37%
XYZ	8.0710, 9.8846, 11.3801
YIQ	84.9870, -16.3210, -7.0810

# Conversions

## Conversions Part 2

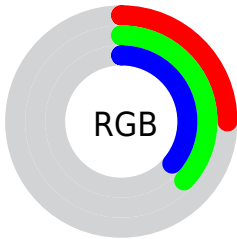
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 80, 94
Decimal	4283995
CIELab	37.63, -11.41, -1.74
CIElCh	38, 11.545, 188.646
Yxy	9.8846, 0.2751, 0.3369
Android (android.graphics.Color)	4282474075 (0xFF415E5B)
YUV	84.9870, 2.9644, -17.5286
Hunter-Lab	31.4397, -9.1961, 0.5469

# Details

The Hex color **415E5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4144**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **72908D**, and **14302D** is the 20% darker color. If you saturate the color by 10%, you get **385E5A**, and if you desaturate by 10%, it is **4A5E5C**.

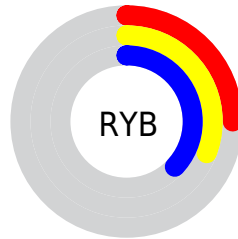
# Distribution



Red (25%)

Green (37%)

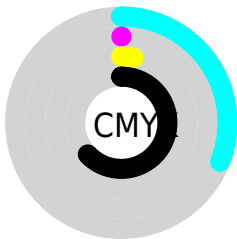
Blue (36%)



Red (25%)

Yellow (31%)

Blue (37%)

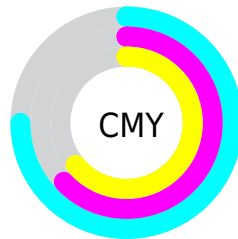


Cyan (31%)

Magenta (0%)

Yellow (3%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 415E5B 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 415E5B by changing the saturation by 10% instead.



■ 415E5B

■ 415E5B

FFFFFF

■ 2A4644

■ 72908D

■ 14302D

■ 8CABA7

■ 001B19

■ A6C6C3

■ 000000

■ C2E2DF

■ DEFFFB

■ FAFFFF

■ 415E5B

■ 415E5B

■ 385E5A

■ 4A5E5C

■ 2E5E59

■ 545E5D

■ 255E58

■ 5D5E5E

■ 1B5E57

■ 675E5F

■ 125E56

■ 705E60

■ 095E55

■ 795E61

■ 005E54

■ 835E62

■ 8C5E63

■ 965E64

# Harmonies

## Analogous

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



485D51



415E5B



405D64

# Triad

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



415E5B



5E5567



665647

# Complementary

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



415E5B



5E4144

# 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.



6B534D



415E5B



675360

# Square

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



415E5B



52586B



6C5256



5D5946

# Rectangle

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



415E5B



435C68



6C5256



685549



# Sweetspot

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



415E5B



6F7A79



445E41



363D3D



BDBDBD



3D3D3D



# Same Dimension

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



415E5B



4D7A76



41535E



292E2D



006E62



00EDD5



# Inverse Universe

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



5E4144



7A4D52



5E4C41



2E292A



6E000B



ED0019



# Previews

## White Background



This preview shows how the Hex color 415E5B looks on a white background.

## Color Contrast Check

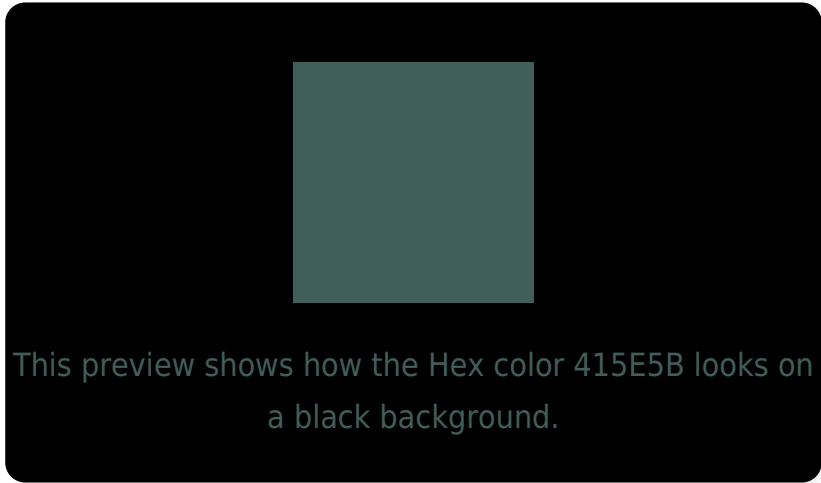
Large Text (above 18pt) WCAG AA ✓ Pass

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

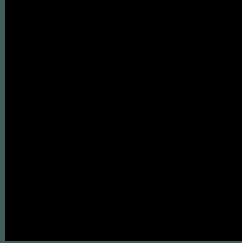
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 415E5B Background



This preview shows how black text looks on a background with the Hex color 415E5B.



This preview shows how white text looks on a background with the Hex color 415E5B.

# 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**  
415E5B

**Protanopia**  
5A5857

**Deuteranopia**  
5F565D



**Tritanopia**  
435D64

# Trichromacy



**Original Color**  
415E5B

**Protanomaly**  
515A58

**Deuteranomaly**  
54595C

**Tritanomaly**  
425D61

# Monochromacy



**Original Color**  
415E5B

**Achromatopsia**  
555555

**Achromatomaly**  
4E5857

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 415E5B 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 #415E5B looks like.

```
.text, #text, p{  
    color:#415E5B  
}
```

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 #415E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415E5B
}
```

## Border

The CSS property to change the border of an element to Hex 415E5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

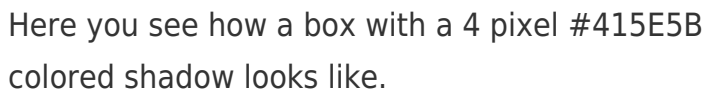
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415E5B }
```

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

```
.border{ border-color:#415E5B }
```

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



Here you see how a box with a 4 pixel #415E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415E5B; -webkit-box-shadow:4px 4px  
4px 4px #415E5B; box-shadow:4px 4px 4px  
4px #415E5B }
```

# Background

The CSS property to change the background color of an element to Hex 415E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415E5B }
```

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

```
.background{ background-color:#415E5B }
```

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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