

Converting Colors

Hex(415E56)

Have a look what the booklet for
Hex(415E56) contains.

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Color

Hex(415E56)

Conversions

Conversions Part 1

Format	Color
Hex	415E56
RGB	65, 94, 86
RGB Percent	25%, 37%, 34%
CMY	0.7451, 0.6314, 0.6627
CMYK	0.31, 0.00, 0.09, 0.63
HSL	163°, 18%, 31%
HSV	163°, 31%, 37%
XYZ	7.8624, 9.8011, 10.2815
YIQ	84.4170, -14.7160, -8.6360

Conversions

Conversions Part 2

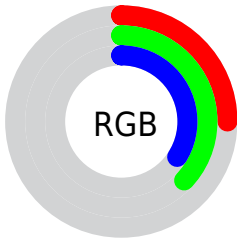
Format	Color
RYB	65, 82, 94
Decimal	4283990
CIELab	37.48, -12.67, 1.14
CIElCh	37, 12.723, 174.868
Yxy	9.8011, 0.2814, 0.3507
Android (android.graphics.Color)	4282474070 (0xFF415E56)
YUV	84.4170, 0.7804, -17.0287
Hunter-Lab	31.3067, -9.9582, 2.4431

Details

The Hex color **415E56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4149**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **729088**, and **143029** is the 20% darker color. If you saturate the color by 10%, you get **385E53**, and if you desaturate by 10%, it is **4A5E59**.

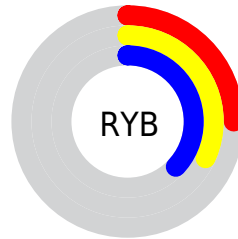
Distribution



Red (25%)

Green (37%)

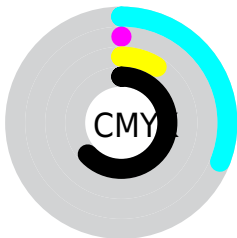
Blue (34%)



Red (25%)

Yellow (32%)

Blue (37%)

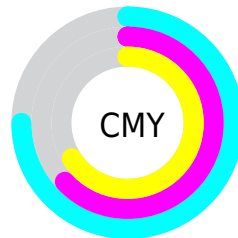


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415E56 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 415E56 by changing the saturation by 10% instead.

415E56

415E56

FFFFFF

2A463F

729088

143029

8CABA2

001B15

A6C6BD

000000

C1E2D9

DEFFF5

FAFFFF

415E56

415E56

385E53

4A5E59

■ 2E5E51

■ 545E5B

■ 255E4E

■ 5D5E5E

■ 1B5E4C

■ 675E60

■ 125E49

■ 705E63

■ 095E46

■ 795E66

■ 005E44

■ 835E68

■ 8C5E6B

■ 965E6D

Harmonies

Analogous

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



4B5D4C



415E56



3C5E60

Triad

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



415E56



58566B



6A5448

Complementary

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



415E56



5E4149

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.



6D5150



415E56



645364

Square

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



415E56



4A5A6C



6C515A



625744

Rectangle

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



415E56



3D5D66



6C515A



6C534A

Sweetspot

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



415E56



6F7A77



495E41



363D3B



BDBDBD



3D3D3D

Same Dimension

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



415E56



4D7A6E



41585E



292E2D



006E4F



00EDAC

Inverse Universe

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



5E4149



7A4D5A



5E4741



2E292B



6E001E



ED0041

Previews

White Background



This preview shows how the Hex color 415E56 looks on a white background.

Color Contrast Check

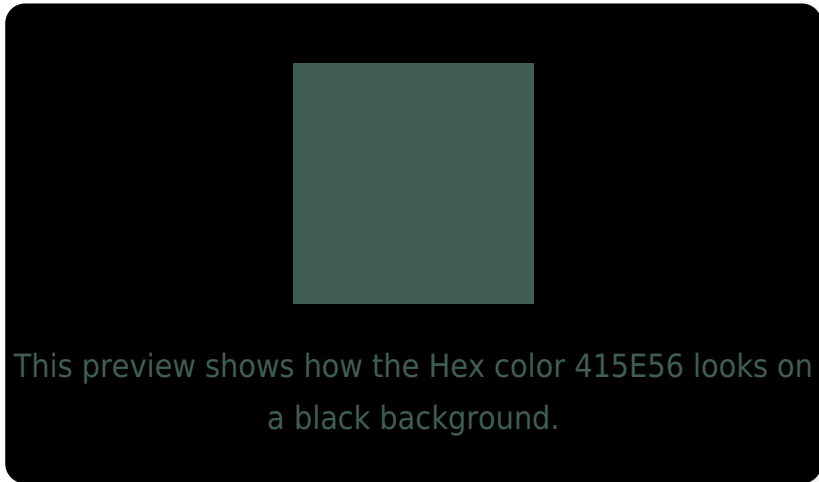
Large Text (above 18pt) WCAG AA ✓ Pass

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

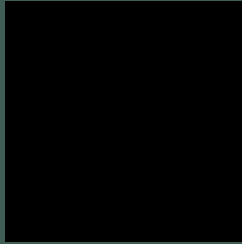
Any Text WCAG AA × Fail

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 415E56 Background



This preview shows how black text looks on a background with the Hex color 415E56.



This preview shows how white text looks on a background with the Hex color 415E56.

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
415E56

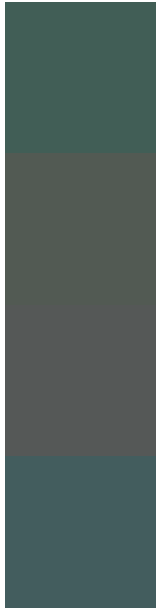
Protanopia
5B5852

Deuteranopia
605558



Tritanopia
445C63

Trichromacy



Original Color
415E56

Protanomaly
525A53

Deuteranomaly
555857

Tritanomaly
435D5E

Monochromacy



Original Color
415E56

Achromatopsia
545454

Achromatomaly
4D5855

CSS Examples

Text

The CSS property to change the color of the text to Hex 415E56 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 #415E56 looks like.

```
.text, #text, p{  
    color:#415E56  
}
```

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 #415E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415E56  
}
```

Border

The CSS property to change the border of an element to Hex 415E56 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  
#415E56 }
```

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

```
.border{ border-color:#415E56 }
```

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

Here you see how a box with a 4 pixel #415E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415E56; -webkit-box-shadow:4px 4px  
4px 4px #415E56; box-shadow:4px 4px 4px  
4px #415E56 }
```

Background

The CSS property to change the background color of an element to Hex 415E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415E56 }
```

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

```
.background{ background-color:#415E56 }
```

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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