

Converting Colors

Hex(415A5A)

Have a look what the booklet for
Hex(415A5A) contains.

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Color

Hex(415A5A)

Conversions

Conversions Part 1

Format	Color
Hex	415A5A
RGB	65, 90, 90
RGB Percent	25%, 35%, 35%
CMY	0.7451, 0.6471, 0.6471
CMYK	0.28, 0.00, 0.00, 0.65
HSL	180°, 16%, 30%
HSV	180°, 28%, 35%
XYZ	7.6816, 9.1743, 11.0388
YIQ	82.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

Format	Color
RYB	65, 78, 90
Decimal	4282970
CIELab	36.32, -9.33, -3.05
CIELCh	36, 9.819, 198.125
Yxy	9.1743, 0.2754, 0.3289
Android (android.graphics.Color)	4282473050 (0xFF415A5A)
YUV	82.5250, 3.6852, -15.3694
Hunter-Lab	30.2892, -7.7368, -0.4057

Details

The Hex color **415A5A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A4141**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **728C8C**, and **142C2D** is the 20% darker color. If you saturate the color by 10%, you get **385A5A**, and if you desaturate by 10%, it is **4A5A5A**.

Distribution



Red (25%)

Green (35%)

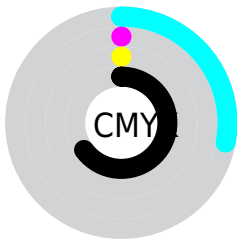
Blue (35%)



Red (25%)

Yellow (31%)

Blue (35%)



Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415A5A 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 415A5A by changing the saturation by 10% instead.



415A5A



415A5A

FFFFFF



2A4343



728C8C



142C2D



8BA6A6



001818



A6C2C1



000000



C1DEDD



DDFAFA



FAFFFF



415A5A



415A5A



385A5A



4A5A5A

■ 2F5A5A

■ 535A5A

■ 265A5A

■ 5C5A5A

■ 1D5A5A

■ 655A5A

■ 145A5A

■ 6E5A5A

■ 0B5A5A

■ 775A5A

■ 025A5A

■ 805A5A

■ 005A5A

■ 895A5A

■ 925A5A

Harmonies

Analogous

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



465A52



415A5A



425961

Triad

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



415A5A



5D5260



5F5446

Complementary

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



415A5A



5A4141

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.



64514A



415A5A



635059

Square

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



415A5A



535464



665051



575646

Rectangle

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



415A5A



465864



665051



615347

Sweetspot

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



415A5A



6C7575



415A41



353B3B



BABABA



3B3B3B

Same Dimension

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



415A5A



4F7575



414E5A



292E2E



006E6E



00EDED

Inverse Universe

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



5A415A



754F75



5A4E41



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 415A5A looks on a white background.

Color Contrast Check

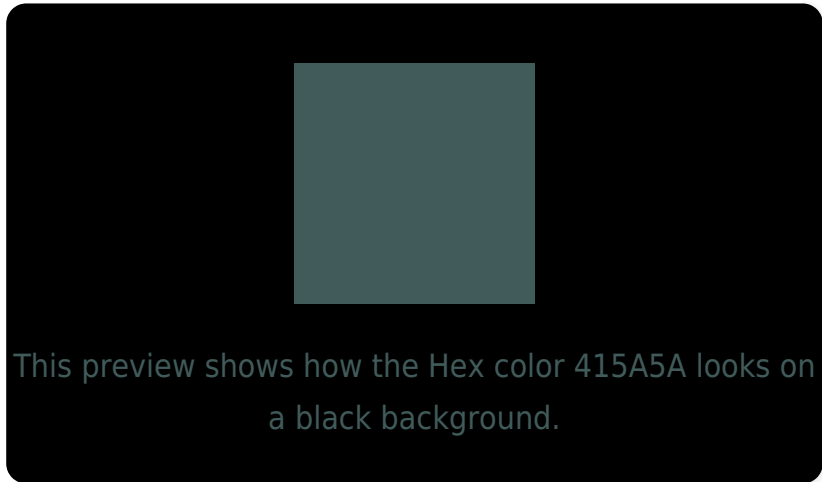
Large Text (above 18pt) WCAG AA ✓ Pass

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

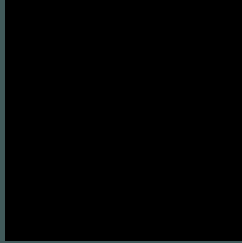
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

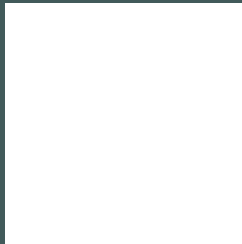
Any Text WCAG AAA × Fail

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

Hex 415A5A Background



This preview shows how black text looks on a background with the Hex color 415A5A.



This preview shows how white text looks on a background with the Hex color 415A5A.

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


415A5A

Protanopia

565557

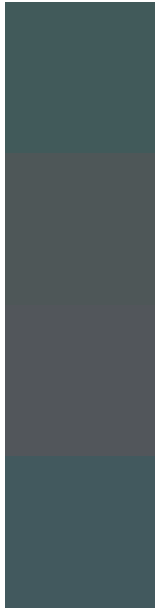
Deuteranopia

5B535C



Tritanopia
425960

Trichromacy



Original Color
415A5A

Protanomaly
4E5758

Deuteranomaly
52565B

Tritanomaly
42595E

Monochromacy



Original Color
415A5A

Achromatopsia
535353

Achromatomaly
4C5656

CSS Examples

Text

The CSS property to change the color of the text to Hex 415A5A 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 #415A5A looks like.

```
.text, #text, p{  
    color:#415A5A  
}
```

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 #415A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415A5A
}
```

Border

The CSS property to change the border of an element to Hex 415A5A 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
#415A5A }
```

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

```
.border{ border-color:#415A5A }
```

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

Here you see how a box with a 4 pixel #415A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415A5A; -webkit-box-shadow:4px 4px  
4px 4px #415A5A; box-shadow:4px 4px 4px  
4px #415A5A }
```

Background

The CSS property to change the background color of an element to Hex 415A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415A5A }
```

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

```
.background{ background-color:#415A5A }
```

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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