

Converting Colors

Hex(415158)

Have a look what the booklet for
Hex(415158) contains.

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Color

Hex(415158)

Conversions

Conversions Part 1

Format	Color
Hex	415158
RGB	65, 81, 88
RGB Percent	25%, 32%, 35%
CMY	0.7451, 0.6824, 0.6549
CMYK	0.26, 0.08, 0.00, 0.65
HSL	198°, 15%, 30%
HSV	198°, 26%, 35%
XYZ	6.8839, 7.7133, 10.3585
YIQ	77.0140, -11.7830, -1.2150

Conversions

Conversions Part 2

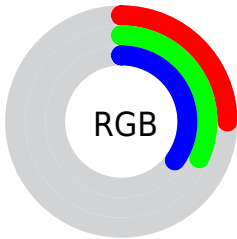
Format	Color
RYB	65, 74, 88
Decimal	4280664
CIELab	33.38, -4.42, -6.17
CIELCh	33, 7.587, 234.362
Yxy	7.7133, 0.2758, 0.3091
Android (android.graphics.Color)	4282470744 (0xFF415158)
YUV	77.0140, 5.4161, -10.5363
Hunter-Lab	27.7728, -4.3587, -2.6727

Details

The Hex color **415158** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584841**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **71828A**, and **15242B** is the 20% darker color. If you saturate the color by 10%, you get **384E58**, and if you desaturate by 10%, it is **4A5458**.

Distribution



Red (25%)

Green (32%)

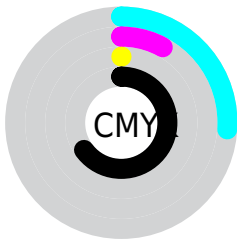
Blue (35%)



Red (25%)

Yellow (29%)

Blue (35%)

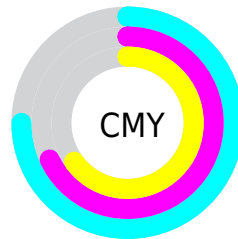


Cyan (26%)

Magenta (8%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (68%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415158 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 415158 by changing the saturation by 10% instead.



415158



415158

FFFFFF



2A3A41



71828A



15242B



8B9CA4



000F16



A5B7BF



000000



C1D3DB



DDEFF8



F9FFFF



415158



415158



384E58



4A5458

■ 2F4C58

■ 535658

■ 274958

■ 5B5958

■ 1E4658

■ 645C58

■ 154458

■ 6D5E58

■ 0C4158

■ 766158

■ 033E58

■ 7F6458

■ 003D58

■ 876658

■ 906958

Harmonies

Analogous

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



3F5253



415158



474F5A

Triad

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



415158



5A4A50



4E5044

Complementary

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



415158



584841

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.



554E43



415158



5B4B4A

Square

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



415158



554C56



594C45



475147

Rectangle

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



415158



4C4E5A



594C45



504F43

Sweetspot

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



415158



6A7073



415848



35393B



BABABA



3B3B3B

Same Dimension

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



415158



4F6873



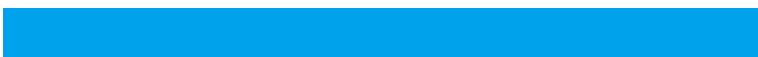
414658



272A2B



004B6B



00A3EB

Inverse Universe

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



584151



734F68



585341



2B272A



6B004B



EB00A3

Previews

White Background



This preview shows how the Hex color 415158 looks on a white background.

Color Contrast Check

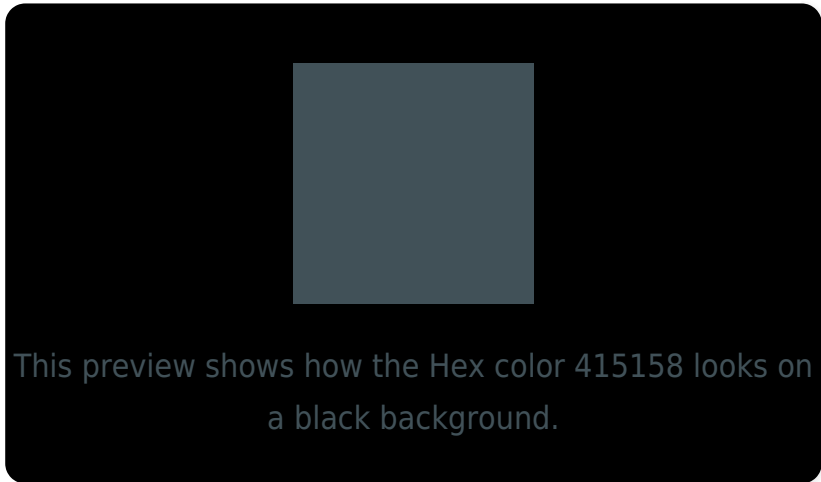
Large Text (above 18pt) WCAG AA ✓ Pass

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

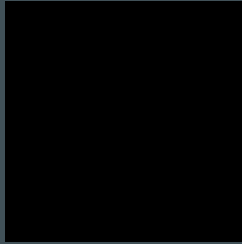
Any Text WCAG AA × Fail

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 415158 Background



This preview shows how black text looks on a background with the Hex color 415158.



This preview shows how white text looks on a background with the Hex color 415158.

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
415158

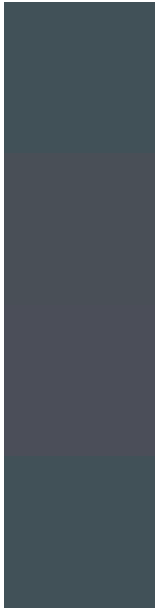
Protanopia
4D4E56

Deuteranopia
514C59



Tritanopia
415158

Trichromacy



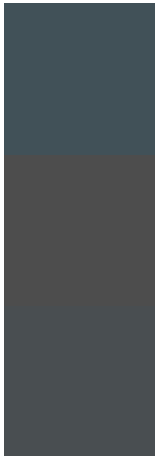
Original Color
415158

Protanomaly
494F57

Deuteranomaly
4B4E59

Tritanomaly
415158

Monochromacy



Original Color
415158

Achromatopsia
4D4D4D

Achromatomaly
494E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 415158 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 #415158 looks like.

```
.text, #text, p{  
    color:#415158  
}
```

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 #415158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415158
}
```

Border

The CSS property to change the border of an element to Hex 415158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

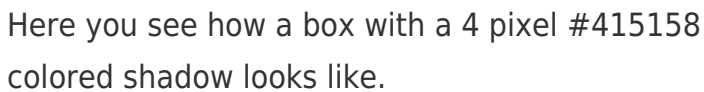
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415158 }
```

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

```
.border{ border-color:#415158 }
```

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



Here you see how a box with a 4 pixel #415158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415158; -webkit-box-shadow:4px 4px  
4px 4px #415158; box-shadow:4px 4px 4px  
4px #415158 }
```

Background

The CSS property to change the background color of an element to Hex 415158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415158 }
```

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

```
.background{ background-color:#415158 }
```

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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