

Converting Colors

Hex(415A69)

Have a look what the booklet for
Hex(415A69) contains.

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Color

Hex(415A69)

Conversions

Conversions Part 1

Format	Color
Hex	415A69
RGB	65, 90, 105
RGB Percent	25%, 35%, 41%
CMY	0.7451, 0.6471, 0.5882
CMYK	0.38, 0.14, 0.00, 0.59
HSL	202°, 24%, 33%
HSV	202°, 38%, 41%
XYZ	8.3859, 9.4561, 14.7478
YIQ	84.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

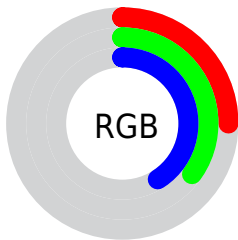
Format	Color
R_{YB}	65, 80, 105
Decimal	4282985
CIE _{Lab}	36.85, -5.20, -11.59
CIE _{LCh}	37, 12.708, 245.837
Yxy	9.4561, 0.2573, 0.2902
Android (android.graphics.Color)	4282473065 (0xFF415A69)
YUV	84.2350, 10.2371, -16.8691
Hunter-Lab	30.7507, -5.1355, -6.9095

Details

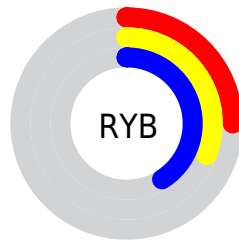
The Hex color **415A69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **695041**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **728C9C**, and **122C3A** is the 20% darker color. If you saturate the color by 10%, you get **365669**, and if you desaturate by 10%, it is **4B5E69**.

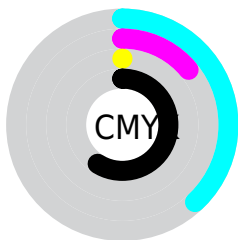
Distribution



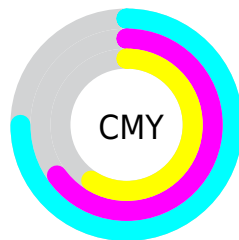
- Red (25%)
- Green (35%)
- Blue (41%)



- Red (25%)
- Yellow (31%)
- Blue (41%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (59%)



- Cyan (75%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415A69 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 415A69 by changing the saturation by 10% instead.



415A69



415A69

FFFFFF



294351



728C9C



122C3A



8CA6B7



001824



A7C2D3



00010E



C3DDEF



000000



DFFAFF



FCFFFF



415A69



415A69



365669



4B5E69

■ 2C5269

■ 566269

■ 214E69

■ 616669

■ 174A69

■ 6B6A69

■ 0C4669

■ 766E69

■ 024269

■ 807269

■ 004269

■ 8B7669

■ 957969

■ 9F7D69

Harmonies

Analogous

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



3B5C62



415A69



4D576B

Triad

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



415A69



6B4F55



515A46

Complementary

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



415A69



695041

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.



5C5742



415A69



6B504B

Square

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



415A69



66515F



665344



465C4E

Rectangle

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



415A69



575569



665344



555944

Sweetspot

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



415A69



7B848A



416950



3C4145



C4C4C4



454545

Same Dimension

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



415A69



4A728A



414669



303436



004975



0099F5

Inverse Universe

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



69415A



8A4A72



696441



363034



750049



F50099

Previews

White Background



This preview shows how the Hex color 415A69 looks on a white background.

Color Contrast Check

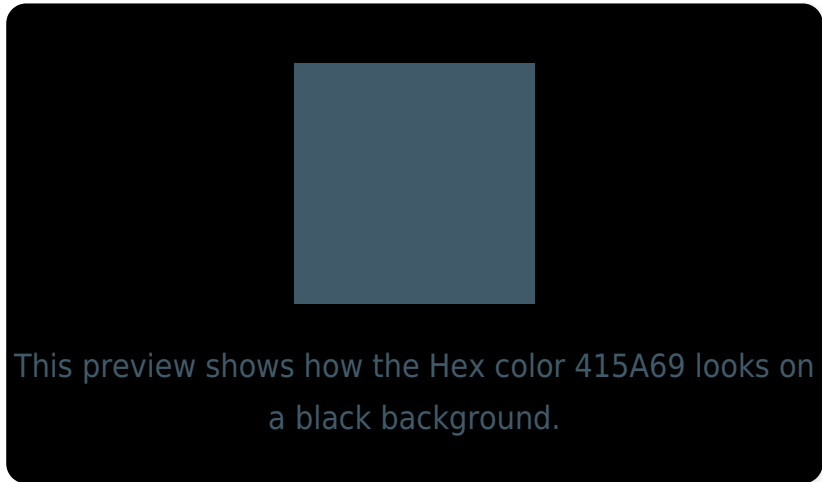
Large Text (above 18pt) WCAG AA ✓ Pass

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

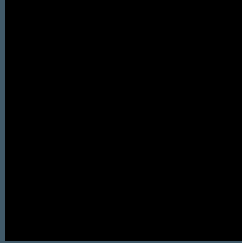
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

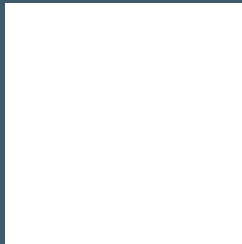
Any Text WCAG AAA × Fail

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

Hex 415A69 Background



This preview shows how black text looks on a background with the Hex color 415A69.

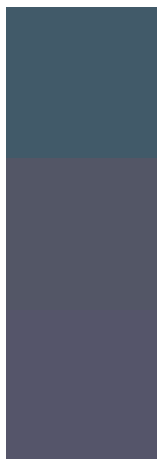


This preview shows how white text looks on a background with the Hex color 415A69.

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
415A69

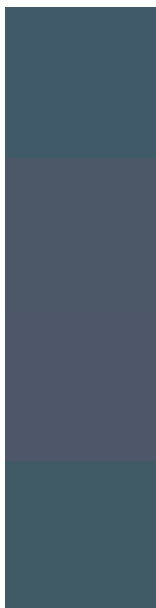
Protanopia
535666

Deuteranopia
55556A



Tritanopia
3F5B62

Trichromacy



Original Color

415A69

Protanomaly

4C5767

Deuteranomaly

4E576A

Tritanomaly

405B65

Monochromacy



Original Color

415A69

Achromatopsia

545454

Achromatomaly

4D565C

CSS Examples

Text

The CSS property to change the color of the text to Hex 415A69 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 #415A69 looks like.

```
.text, #text, p{  
    color:#415A69  
}
```

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 #415A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415A69
}
```

Border

The CSS property to change the border of an element to Hex 415A69 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
#415A69 }
```

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

```
.border{ border-color:#415A69 }
```

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

Here you see how a box with a 4 pixel #415A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415A69; -webkit-box-shadow:4px 4px  
4px 4px #415A69; box-shadow:4px 4px 4px  
4px #415A69 }
```

Background

The CSS property to change the background color of an element to Hex 415A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415A69 }
```

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

```
.background{ background-color:#415A69 }
```

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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