

Converting Colors

Hex(415942)

Have a look what the booklet for
Hex(415942) contains.

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Color

Hex(415942)

Conversions

Conversions Part 1

Format	Color
Hex	415942
RGB	65, 89, 66
RGB Percent	25%, 35%, 26%
CMY	0.7451, 0.6510, 0.7412
CMYK	0.27, 0.00, 0.26, 0.65
HSL	123°, 16%, 30%
HSV	123°, 27%, 35%
XYZ	6.7357, 8.6619, 6.4712
YIQ	79.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

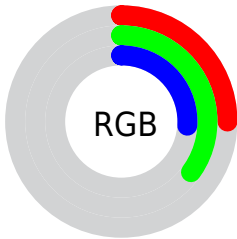
Format	Color
RYB	65, 88, 89
Decimal	4282690
CIELab	35.33, -14.32, 10.44
CIELCh	35, 17.720, 143.895
Yxy	8.6619, 0.3080, 0.3961
Android (android.graphics.Color)	4282472770 (0xFF415942)
YUV	79.2020, -6.5086, -12.4552
Hunter-Lab	29.4311, -10.6523, 7.5654

Details

The Hex color **415942** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **594158**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **718B72**, and **152B17** is the 20% darker color. If you saturate the color by 10%, you get **385939**, and if you desaturate by 10%, it is **4A594B**.

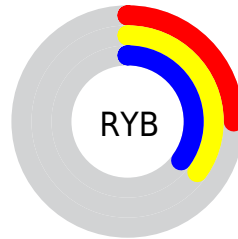
Distribution



 Red (25%)

 Green (35%)

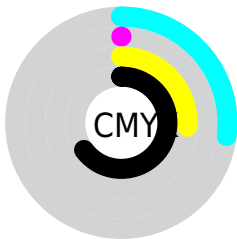
 Blue (26%)



 Red (25%)

 Yellow (35%)

 Blue (35%)

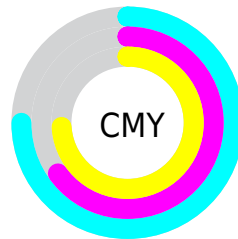


 Cyan (27%)

 Magenta (0%)

 Yellow (26%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415942 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 415942 by changing the saturation by 10% instead.

 415942

 415942

FFFFFF

 2A422C

 718B72

 152B17

 8BA58C

 001800

 A6C1A6

 000000

 C1DDC1

 DDF9DD

 F9FFF9

 415942

 415942

 385939

 4A594B

■ 2F5931

■ 535953

■ 265928

■ 5C595C

■ 1D5920

■ 655964

■ 145917

■ 6E596D

■ 0C590F

■ 765975

■ 035906

■ 7F597E

■ 005904

■ 885986

■ 91598F

Harmonies

Analogous

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



515639



415942



315B50

Triad

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



415942



3C556F



6F4948

Complementary

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



415942



594158

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.



6D4957



415942



51506D

Square

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



415942



2B5969



624C64



6A4C3D

Rectangle

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



415942



295B59



624C64



6F494D

Sweetspot

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



415942



6A736A



585941



353B35



BABABA



3B3B3B

Same Dimension

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



415942



4E7350



41594E



272B27



006B04



00EB0A

Inverse Universe

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



594158



734E71



59414C



2B272B



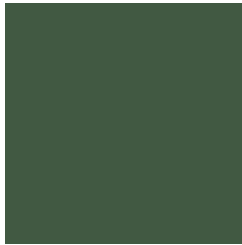
6B0067



EB00E1

Previews

White Background



This preview shows how the Hex color 415942 looks on a white background.

Color Contrast Check

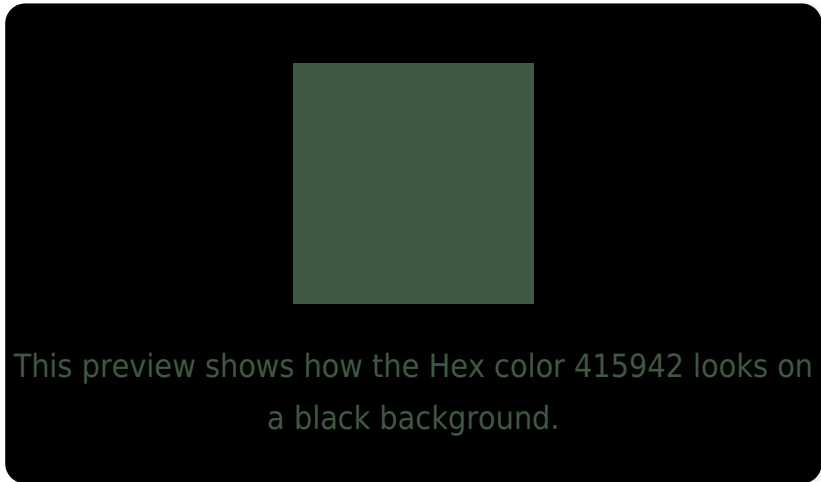
Large Text (above 18pt) WCAG AA ✓ Pass

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

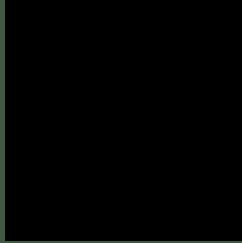
Any Text WCAG AA × Fail

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 415942 Background



This preview shows how black text looks on a background with the Hex color 415942.



This preview shows how white text looks on a background with the Hex color 415942.

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](#).

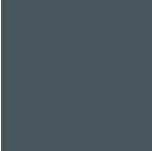
Dichromacy



Original Color
415942

Protanopia
59533F

Deuteranopia
605044



Tritanopia
46565C

Trichromacy



Original Color
415942

Protanomaly
505540

Deuteranomaly
555343

Tritanomaly
445753

Monochromacy



Original Color
415942

Achromatopsia
4F4F4F

Achromatomaly
4A534A

CSS Examples

Text

The CSS property to change the color of the text to Hex 415942 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 #415942 looks like.

```
.text, #text, p{  
    color:#415942  
}
```

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 #415942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415942
}
```

Border

The CSS property to change the border of an element to Hex 415942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

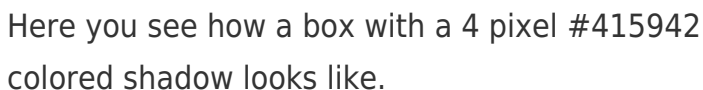
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415942 }
```

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

```
.border{ border-color:#415942 }
```

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



Here you see how a box with a 4 pixel #415942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415942; -webkit-box-shadow:4px 4px  
4px 4px #415942; box-shadow:4px 4px 4px  
4px #415942 }
```

Background

The CSS property to change the background color of an element to Hex 415942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415942 }
```

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

```
.background{ background-color:#415942 }
```

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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