

Converting Colors

Hex(415965)

Have a look what the booklet for
Hex(415965) contains.

Hex(415965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(415965)

Conversions

Conversions Part 1

Format	Color
Hex	415965
RGB	65, 89, 101
RGB Percent	25%, 35%, 40%
CMY	0.7451, 0.6510, 0.6039
CMYK	0.36, 0.12, 0.00, 0.60
HSL	200°, 22%, 33%
HSV	200°, 36%, 40%
XYZ	8.1013, 9.2082, 13.6623
YIQ	83.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

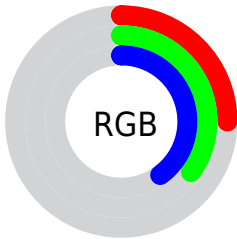
Format	Color
RYB	65, 79, 101
Decimal	4282725
CIELab	36.38, -5.74, -9.81
CIELCh	36, 11.369, 239.672
Yxy	9.2082, 0.2616, 0.2973
Android (android.graphics.Color)	4282472805 (0xFF415965)
YUV	83.1920, 8.7793, -15.9544
Hunter-Lab	30.3449, -5.4488, -5.4528

Details

The Hex color **415965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654D41**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **728B98**, and **132C36** is the 20% darker color. If you saturate the color by 10%, you get **375665**, and if you desaturate by 10%, it is **4B5C65**.

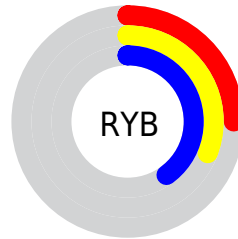
Distribution



Red (25%)

Green (35%)

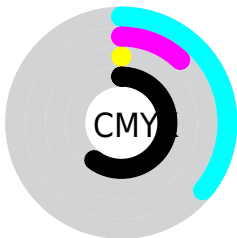
Blue (40%)



Red (25%)

Yellow (31%)

Blue (40%)

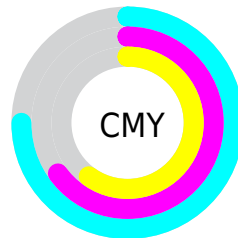


Cyan (36%)

Magenta (12%)

Yellow (0%)

Black (60%)



Cyan (75%)

Magenta (65%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415965 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 415965 by changing the saturation by 10% instead.

■ 415965

■ 415965

FFFFFF

■ 2A424D

■ 728B98

■ 132C36

■ 8CA5B3

■ 001721

■ A7C0CE

■ 000009

■ C2DCEA

■ 000000

■ DEF9FF

■ FBFFFF

■ 415965

■ 415965

■ 375665

■ 4B5C65

■ 2D5265

■ 556065

■ 234F65

■ 5F6365

■ 194C65

■ 696665

■ 0F4865

■ 746A65

■ 044565

■ 7E6D65

■ 004365

■ 887165

■ 927465

■ 9C7765

Harmonies

Analogous

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



3D5B5E



415965



4B5668

Triad

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



415965



674F56



535846

Complementary

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



415965



654D41

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.



5D5543



415965



68504D

Square

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



415965



61515F



655246



485A4C

Rectangle

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



415965



535467



655246



565744

Sweetspot

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



415965



747D82



41654D



3A3F42



C2C2C2



424242

Same Dimension

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



415965



4A6F82



414765



2E3133



004C73



00A1F2

Inverse Universe

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



654159



824A6F



655F41



332E31



73004C



F200A1

Previews

White Background



This preview shows how the Hex color 415965 looks on a white background.

Color Contrast Check

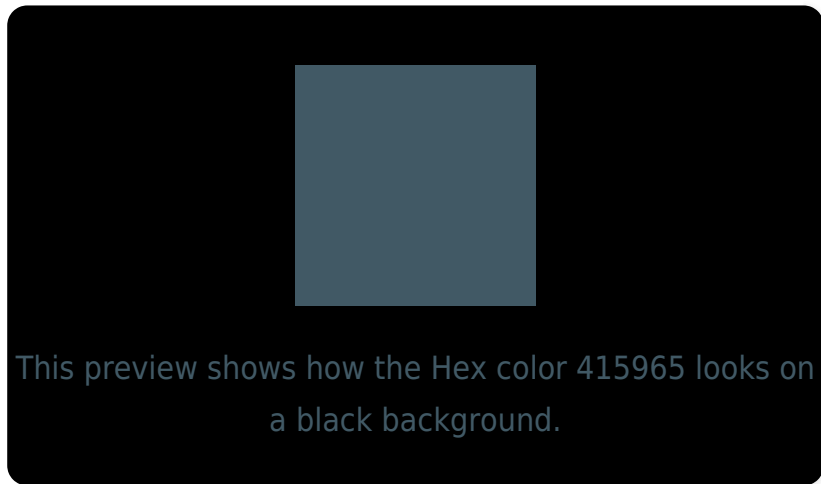
Large Text (above 18pt) WCAG AA ✓ Pass

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

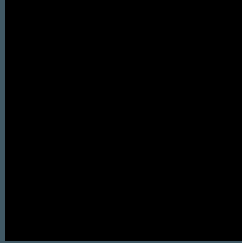
Any Text WCAG AA × Fail

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 415965 Background



This preview shows how black text looks on a background with the Hex color 415965.



This preview shows how white text looks on a background with the Hex color 415965.

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
415965

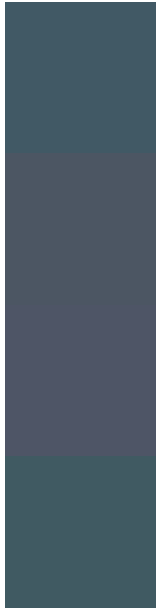
Protanopia
535562

Deuteranopia
555366



Tritanopia
405A61

Trichromacy



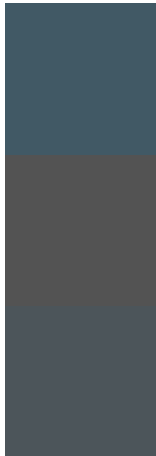
Original Color
415965

Protanomaly
4C5663

Deuteranomaly
4E5566

Tritanomaly
405A62

Monochromacy



Original Color
415965

Achromatopsia
535353

Achromatomaly
4C555A

CSS Examples

Text

The CSS property to change the color of the text to Hex 415965 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 #415965 looks like.

```
.text, #text, p{  
    color:#415965  
}
```

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 #415965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415965
}
```

Border

The CSS property to change the border of an element to Hex 415965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

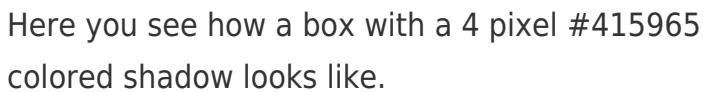
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415965 }
```

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

```
.border{ border-color:#415965 }
```

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



Here you see how a box with a 4 pixel #415965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415965; -webkit-box-shadow:4px 4px  
4px 4px #415965; box-shadow:4px 4px 4px  
4px #415965 }
```

Background

The CSS property to change the background color of an element to Hex 415965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415965 }
```

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

```
.background{ background-color:#415965 }
```

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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