

# Converting Colors

Hex(415951)

Have a look what the booklet for  
Hex(415951) contains.

<b>Hex(415951)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(415951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	415951
RGB	65, 89, 81
RGB Percent	25%, 35%, 32%
CMY	0.7451, 0.6510, 0.6824
CMYK	0.27, 0.00, 0.09, 0.65
HSL	160°, 16%, 30%
HSV	160°, 27%, 35%
XYZ	7.2376, 8.8627, 9.1138
YIQ	80.9120, -11.7360, -7.5760

# Conversions

## Conversions Part 2

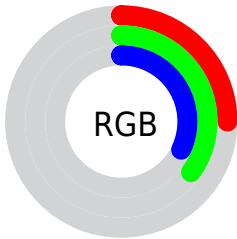
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 79, 89
Decimal	4282705
CIELab	35.72, -11.00, 1.68
CIElCh	36, 11.125, 171.299
Yxy	8.8627, 0.2870, 0.3515
Android (android.graphics.Color)	4282472785 (0xFF415951)
YUV	80.9120, 0.0434, -13.9548
Hunter-Lab	29.7702, -8.7020, 2.6882

# Details

The Hex color **415951** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **594149**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **718B82**, and **152B25** is the 20% darker color. If you saturate the color by 10%, you get **38594E**, and if you desaturate by 10%, it is **4A5954**.

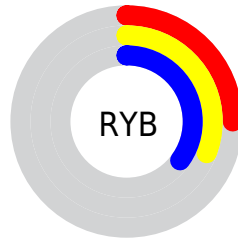
# Distribution



Red (25%)

Green (35%)

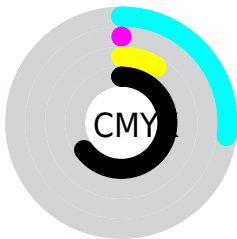
Blue (32%)



Red (25%)

Yellow (31%)

Blue (35%)

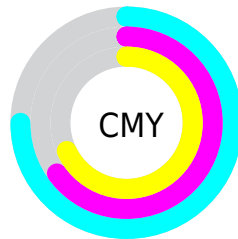


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 415951 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 415951 by changing the saturation by 10% instead.





415951



415951

FFFFFF



2A423A



718B82



152B25



8BA59C



00180F



A6C1B7



000000



C1DCD3



DDF9EF



F9FFFF



415951



415951



38594E



4A5954

■ 2F594B

■ 535957

■ 265948

■ 5C595A

■ 1D5945

■ 65595D

■ 145942

■ 6E5960

■ 0C593F

■ 765963

■ 03593C

■ 7F5966

■ 00593B

■ 885969

■ 91596C

# Harmonies

## Analogous

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



4A5849



415951



3C595A

# Triad

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



415951



525364



645046

# Complementary

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



415951



594149

# 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.



674E4E



415951



5D505F

# Square

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



415951



475665



644E57



5D5343

# Rectangle

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



415951



3D585F



644E57



654F49



# Sweetspot

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



415951



6A7370



495941



353B39



BABABA



3B3B3B



# Same Dimension

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



415951



4E7367



415559



272B2A



006B47



00EB9C



# Inverse Universe

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



594149



734E5A



594541



2B2728



6B0024



EB004E



# Previews

## White Background



This preview shows how the Hex color 415951 looks on a white background.

## Color Contrast Check

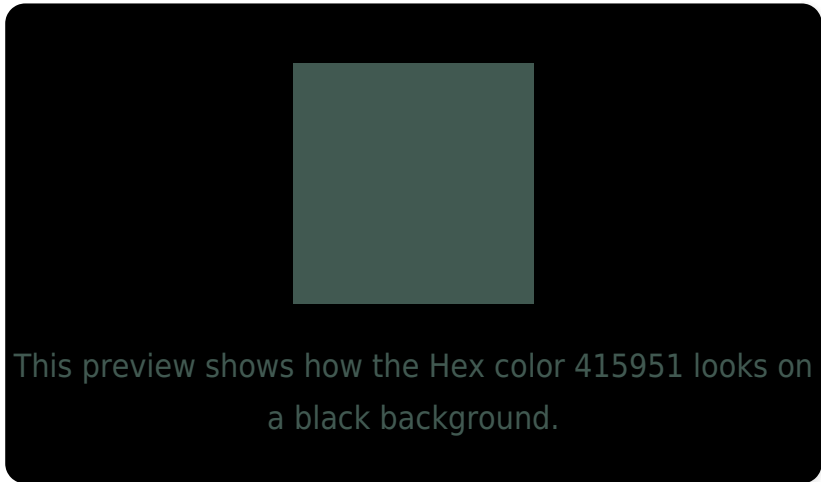
Large Text (above 18pt) WCAG AA ✓ Pass

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

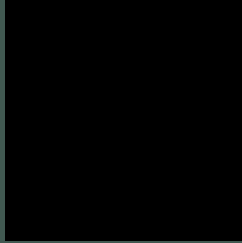
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 415951 Background



This preview shows how black text looks on a background with the Hex color 415951.



This preview shows how white text looks on a background with the Hex color 415951.

# 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**  
415951

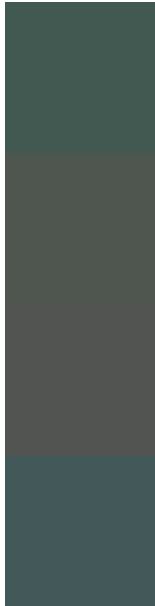
**Protanopia**  
57534E

**Deuteranopia**  
5C5153



**Tritanopia**  
44575E

# Trichromacy



**Original Color**  
415951

**Protanomaly**  
4F554F

**Deuteranomaly**  
525452

**Tritanomaly**  
435859

# Monochromacy



**Original Color**  
415951

**Achromatopsia**  
515151

**Achromatomaly**  
4B5451

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 415951 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 #415951 looks like.

```
.text, #text, p{  
    color:#415951  
}
```

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 #415951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415951
}
```

## Border

The CSS property to change the border of an element to Hex 415951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

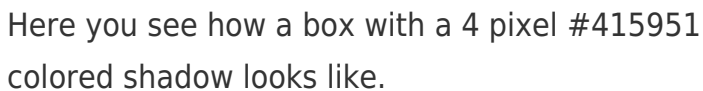
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415951 }
```

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

```
.border{ border-color:#415951 }
```

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



Here you see how a box with a 4 pixel #415951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415951; -webkit-box-shadow:4px 4px  
4px 4px #415951; box-shadow:4px 4px 4px  
4px #415951 }
```

# Background

The CSS property to change the background color of an element to Hex 415951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415951 }
```

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

```
.background{ background-color:#415951 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor