

Converting Colors

Hex(415F2F)

Have a look what the booklet for
Hex(415F2F) contains.

Hex(415F2F)	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(415F2F)

Conversions

Conversions Part 1

Format	Color
Hex	415F2F
RGB	65, 95, 47
RGB Percent	25%, 37%, 18%
CMY	0.7451, 0.6275, 0.8157
CMYK	0.32, 0.00, 0.51, 0.63
HSL	98°, 34%, 28%
HSV	98°, 51%, 37%
XYZ	6.7853, 9.5135, 4.1680
YIQ	80.5580, -2.4720, -21.2880

Conversions

Conversions Part 2

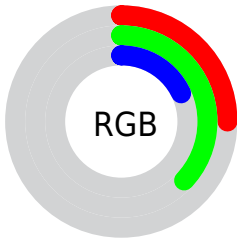
Format	Color
R_{YB}	47, 95, 77
Decimal	4284207
CIE _{Lab}	36.95, -20.83, 23.90
CIE _{LCh}	37, 31.704, 131.084
Yxy	9.5135, 0.3315, 0.4648
Android (android.graphics.Color)	4282474287 (0xFF415F2F)
YUV	80.5580, -16.5441, -13.6444
Hunter-Lab	30.8439, -14.7091, 13.5788

Details

The Hex color **415F2F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D2F5F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **72925E**, and **143000** is the 20% darker color. If you saturate the color by 10%, you get **3B5F26**, and if you desaturate by 10%, it is **475F39**.

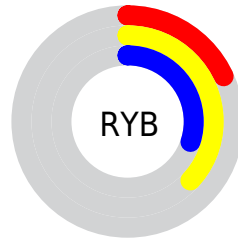
Distribution



Red (25%)

Green (37%)

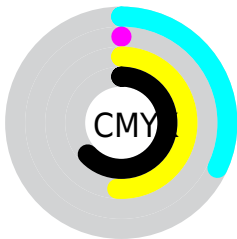
Blue (18%)



Red (18%)

Yellow (37%)

Blue (30%)

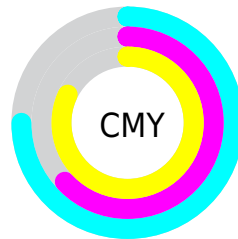


Cyan (32%)

Magenta (0%)

Yellow (51%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415F2F 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 415F2F by changing the saturation by 10% instead.



415F2F



415F2F

FFFFFF



2A4719



72925E



143000



8CAC77



001D00



A7C891



000000



C3E4AC



DFFFC7



FCFFE3



415F2F



415F2F



3B5F26



475F39

■ 355F1C

■ 4D5F42

■ 2F5F12

■ 535F4C

■ 295F09

■ 595F55

■ 245F00

■ 5F5F5F

■ 655F68

■ 6B5F72

■ 715F7B

■ 765F85

Harmonies

Analogous

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



5D5923



415F2F



196346

Triad

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



415F2F



005E87



87414E

Complementary

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



415F2F



4D2F5F

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.



7E4468



415F2F



3D5689

Square

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



415F2F



006378



654C7E



824737

Rectangle

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



415F2F



006457



654C7E



854157

Sweetspot

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



415F2F



6F7A68



5F4D2F



363D32



BDBDBD



3D3D3D

Same Dimension

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



415F2F



4C7A30



2F5F35



2D302C



2A7000



5AF000

Inverse Universe

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



4D2F5F



5E307A



5F2F59



2F2C30



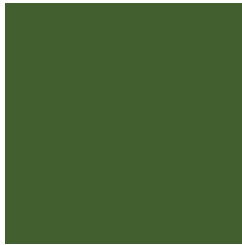
460070



9600F0

Previews

White Background



This preview shows how the Hex color 415F2F looks on a white background.

Color Contrast Check

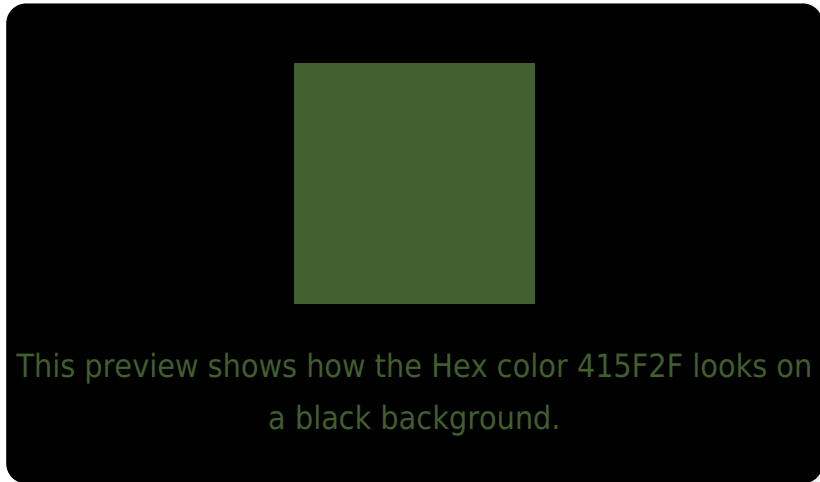
Large Text (above 18pt) WCAG AA ✓ Pass

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

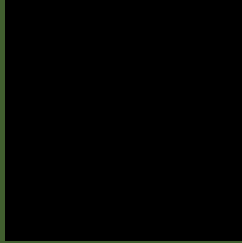
Any Text WCAG AA × Fail

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 415F2F Background



This preview shows how black text looks on a background with the Hex color 415F2F.



This preview shows how white text looks on a background with the Hex color 415F2F.

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](#).

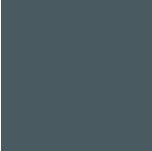
Dichromacy



Original Color
415F2F

Protanopia
60572C

Deuteranopia
6A5332



Tritanopia
495A61

Trichromacy



Original Color
415F2F

Protanomaly
555A2D

Deuteranomaly
5B5731

Tritanomaly
465C4F

Monochromacy



Original Color
415F2F

Achromatopsia
515151

Achromatomaly
4B5645

CSS Examples

Text

The CSS property to change the color of the text to Hex 415F2F 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 #415F2F looks like.

```
.text, #text, p{  
    color:#415F2F  
}
```

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 #415F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415F2F  
}
```

Border

The CSS property to change the border of an element to Hex 415F2F 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  
#415F2F }
```

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

```
.border{ border-color:#415F2F }
```

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

Here you see how a box with a 4 pixel #415F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415F2F; -webkit-box-shadow:4px 4px  
4px 4px #415F2F; box-shadow:4px 4px 4px  
4px #415F2F }
```

Background

The CSS property to change the background color of an element to Hex 415F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415F2F }
```

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

```
.background{ background-color:#415F2F }
```

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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