

Converting Colors

Hex(415D79)

Have a look what the booklet for
Hex(415D79) contains.

Hex(415D79)	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(415D79)

Conversions

Conversions Part 1

Format	Color
Hex	415D79
RGB	65, 93, 121
RGB Percent	25%, 36%, 47%
CMY	0.7451, 0.6353, 0.5255
CMYK	0.46, 0.23, 0.00, 0.53
HSL	210°, 30%, 36%
HSV	210°, 46%, 47%
XYZ	9.5455, 10.3330, 19.5805
YIQ	87.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

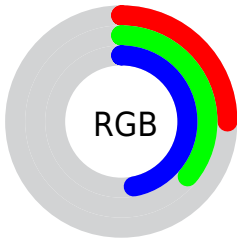
Format	Color
RYB	65, 84, 121
Decimal	4283769
CIELab	38.43, -2.22, -19.04
CIELCh	38, 19.167, 263.360
Yxy	10.3330, 0.2419, 0.2619
Android (android.graphics.Color)	4282473849 (0xFF415D79)
YUV	87.8200, 16.3577, -20.0131
Hunter-Lab	32.1450, -3.2478, -13.6139

Details

The Hex color **415D79** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795D41**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **748FAD**, and **0D2F48** is the 20% darker color. If you saturate the color by 10%, you get **355779**, and if you desaturate by 10%, it is **4D6379**.

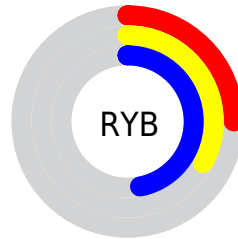
Distribution



Red (25%)

Green (36%)

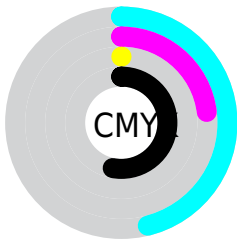
Blue (47%)



Red (25%)

Yellow (33%)

Blue (47%)

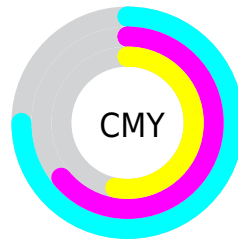


Cyan (46%)

Magenta (23%)

Yellow (0%)

Black (53%)



Cyan (75%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415D79 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 415D79 by changing the saturation by 10% instead.

■ 415D79

■ 415D79

FFFFFF

■ 284660

■ 748FAD

■ 0D2F48

■ 8EAAC9

■ 001B32

■ A9C5E5

■ 00021D

■ C5E1FF

■ 000000

■ E1FDFF

FEFFFF

■ 415D79

■ 415D79

■ 355779

■ 4D6379

■ 295179

■ 596979

■ 1D4B79

■ 656F79

■ 114579

■ 717579

■ 053F79

■ 7D7B79

■ 003C79

■ 8A8179

■ 968779

■ A28D79

■ AE9379

Harmonies

Analogous

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



2D6173



415D79



585877

Triad

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



415D79



7A504F



476148

Complementary

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



415D79



795D41

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.



595D3E



415D79



745342

Square

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



415D79



774F5F



69583C



356356

Rectangle

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



415D79



655471



69583C



4D6043

Sweetspot

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



415D79



88939E



41795D



42484F



CFCFCF



4F4F4F

Same Dimension

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



415D79



46729E



414179



373A3D



003E7D



007EFC

Inverse Universe

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



79415D



9E4672



797941



3D373A



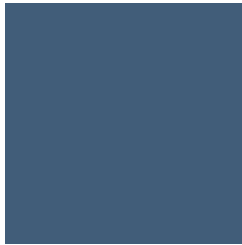
7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 415D79 looks on a white background.

Color Contrast Check

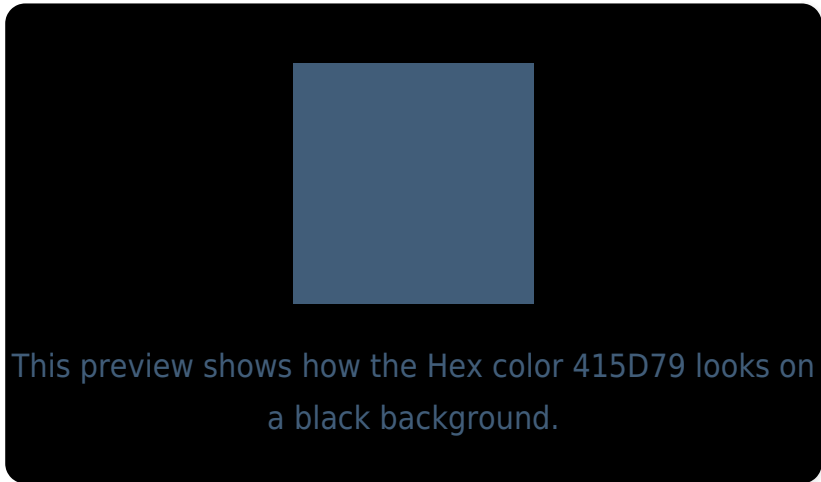
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

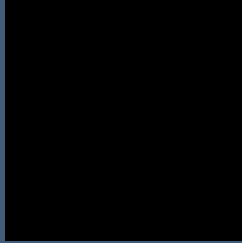
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

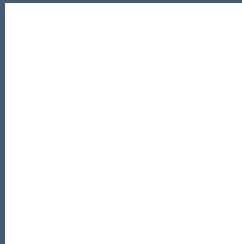
Any Text WCAG AAA × Fail

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

Hex 415D79 Background



This preview shows how black text looks on a background with the Hex color 415D79.



This preview shows how white text looks on a background with the Hex color 415D79.

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





Tritanopia
3C6068

Trichromacy



Original Color
415D79

Protanomaly
4C5A77

Deuteranomaly
4B5A7A

Tritanomaly
3E5F6E

Monochromacy



Original Color
415D79

Achromatopsia
585858

Achromatomaly
505A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 415D79 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 #415D79 looks like.

```
.text, #text, p{  
    color:#415D79  
}
```

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 #415D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415D79
}
```

Border

The CSS property to change the border of an element to Hex 415D79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

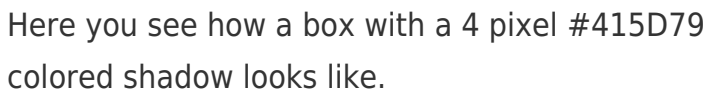
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415D79 }
```

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

```
.border{ border-color:#415D79 }
```

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



Here you see how a box with a 4 pixel #415D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415D79; -webkit-box-shadow:4px 4px  
4px 4px #415D79; box-shadow:4px 4px 4px  
4px #415D79 }
```

Background

The CSS property to change the background color of an element to Hex 415D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415D79 }
```

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

```
.background{ background-color:#415D79 }
```

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