

Converting Colors

Hex(415E90)

Have a look what the booklet for
Hex(415E90) contains.

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Color

Hex(415E90)

Conversions

Conversions Part 1

Format	Color
Hex	415E90
RGB	65, 94, 144
RGB Percent	25%, 37%, 56%
CMY	0.7451, 0.6314, 0.4353
CMYK	0.55, 0.35, 0.00, 0.44
HSL	218°, 38%, 41%
HSV	218°, 55%, 56%
XYZ	11.2167, 11.1428, 27.9452
YIQ	91.0290, -33.3340, 9.4020

Conversions

Conversions Part 2

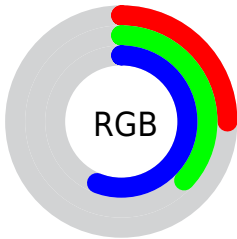
Format	Color
R_{YB}	65, 86, 144
Decimal	4284048
CIE _{Lab}	39.82, 4.65, -30.86
CIE _{LCh}	40, 31.207, 278.566
Yxy	11.1428, 0.2230, 0.2215
Android (android.graphics.Color)	4282474128 (0xFF415E90)
YUV	91.0290, 26.1147, -22.8274
Hunter-Lab	33.3809, 1.5634, -26.2686

Details

The Hex color **415E90** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **907341**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7690C6**, and **00305D** is the 20% darker color. If you saturate the color by 10%, you get **335590**, and if you desaturate by 10%, it is **4F6790**.

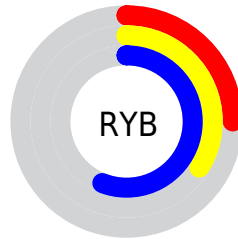
Distribution



Red (25%)

Green (37%)

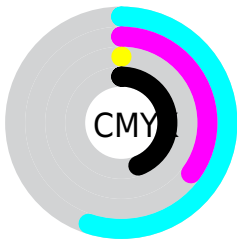
Blue (56%)



Red (25%)

Yellow (34%)

Blue (56%)

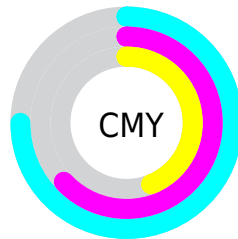


Cyan (55%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415E90 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 415E90 by changing the saturation by 10% instead.

■ 415E90

■ 415E90

FFFFFF

■ 254776

■ 7690C6

■ 00305D

■ 91ABE2

■ 001C45

■ ADC6FF

■ 00012F

■ C9E2FF

■ 000119

■ E6FEFF

■ 000000

■ 415E90

■ 415E90

■ 335590

■ 4F6790

■ 244C90

■ 5E7090

■ 164390

■ 6C7990

■ 073A90

■ 7B8290

■ 003590

■ 898C90

■ 979590

■ A69E90

■ B4A790

■ C3B090

Harmonies

Analogous

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



00658D



415E90



6A5486

Triad

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



415E90



8B4D3F



276A4A

Complementary

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



415E90



907341

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.



4B6535



415E90



7C562E

Square

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



415E90



8E4957



665F2A



006B65

Rectangle

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



415E90



7C4E79



665F2A



356842

Sweetspot

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



415E90



9CA7BA



419072



4C535E



DEDEDE



5E5E5E

Same Dimension

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



415E90



3F6CBA



4A4190



404347



003287



000308

Inverse Universe

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



90415E



BA3F6C



879041



474043



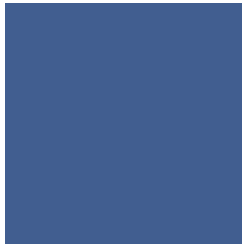
870032



080003

Previews

White Background



This preview shows how the Hex color 415E90 looks on a white background.

Color Contrast Check

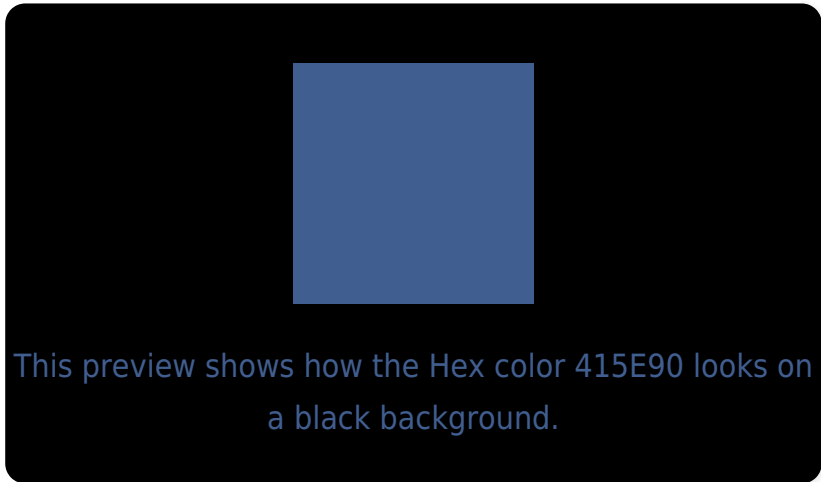
Large Text (above 18pt) WCAG AA ✓ Pass

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

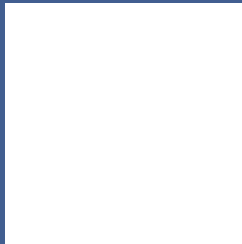
Any Text WCAG AAA × Fail

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

Hex 415E90 Background



This preview shows how black text looks on a background with the Hex color 415E90.



This preview shows how white text looks on a background with the Hex color 415E90.

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
415E90

Protanopia
4C5C8E

Deuteranopia
445D90



Tritanopia
34656D

Trichromacy



Original Color
415E90

Protanomaly
485D8F

Deuteranomaly
435D90

Tritanomaly
39627A

Monochromacy



Original Color
415E90

Achromatopsia
5B5B5B

Achromatomaly
525C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 415E90 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 #415E90 looks like.

```
.text, #text, p{  
    color:#415E90  
}
```

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 #415E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415E90
}
```

Border

The CSS property to change the border of an element to Hex 415E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

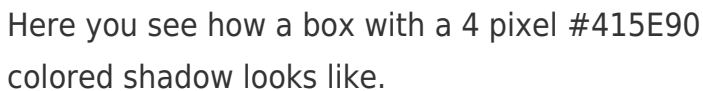
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415E90 }
```

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

```
.border{ border-color:#415E90 }
```

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



Here you see how a box with a 4 pixel #415E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415E90; -webkit-box-shadow:4px 4px  
4px 4px #415E90; box-shadow:4px 4px 4px  
4px #415E90 }
```

Background

The CSS property to change the background color of an element to Hex 415E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415E90 }
```

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

```
.background{ background-color:#415E90 }
```

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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