

Converting Colors

Hex(415A90)

Have a look what the booklet for
Hex(415A90) contains.

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Color

Hex(415A90)

Conversions

Conversions Part 1

Format	Color
Hex	415A90
RGB	65, 90, 144
RGB Percent	25%, 35%, 56%
CMY	0.7451, 0.6471, 0.4353
CMYK	0.55, 0.37, 0.00, 0.44
HSL	221°, 38%, 41%
HSV	221°, 55%, 56%
XYZ	10.8702, 10.4498, 27.8296
YIQ	88.6810, -32.2340, 11.4940

Conversions

Conversions Part 2

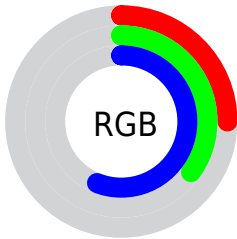
Format	Color
RYB	65, 84, 144
Decimal	4283024
CIELab	38.64, 7.19, -32.72
CIElCh	39, 33.502, 282.396
Yxy	10.4498, 0.2212, 0.2126
Android (android.graphics.Color)	4282473104 (0xFF415A90)
YUV	88.6810, 27.2723, -20.7682
Hunter-Lab	32.3261, 3.4529, -28.4147

Details

The Hex color **415A90** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **907741**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **768CC6**, and **002D5D** is the 20% darker color. If you saturate the color by 10%, you get **335090**, and if you desaturate by 10%, it is **4F6490**.

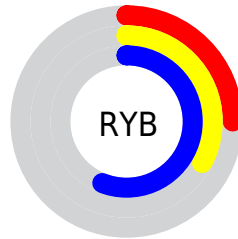
Distribution



Red (25%)

Green (35%)

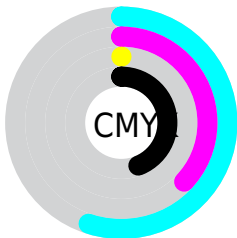
Blue (56%)



Red (25%)

Yellow (33%)

Blue (56%)

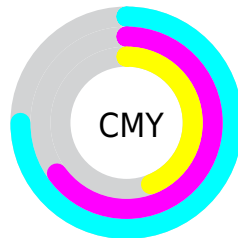


Cyan (55%)

Magenta (37%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415A90 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 415A90 by changing the saturation by 10% instead.

■ 415A90

■ 415A90

FFFFFF

■ 254376

■ 768CC6

■ 002D5D

■ 91A6E2

■ 001945

■ ADC1FF

■ 00032F

■ C9DDFF

■ 000119

■ E6F9FF

■ 000000

■ 415A90

■ 415A90

■ 335090

■ 4F6490

■ 244690

■ 5E6E90

■ 163C90

■ 6C7890

■ 073390

■ 7B8190

■ 002E90

■ 898B90

■ 979590

■ A69F90

■ B4A990

■ C3B390

Harmonies

Analogous

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



00628E



415A90



6C4F83

Triad

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



415A90



894A38



14684A

Complementary

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



415A90



907741

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.



426431



415A90



785426

Square

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



415A90



8E4451



605D23



006966

Rectangle

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



415A90



7E4975



605D23



286741

Sweetspot

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



415A90



9CA6BA



419077



4C525E



DEDEDE



5E5E5E

Same Dimension

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



415A90



3F66BA



4F4190



404347



002B87



000208

Inverse Universe

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



90415A



BA3F66



829041



474043



87002B



080002

Previews

White Background



This preview shows how the Hex color 415A90 looks on a white background.

Color Contrast Check

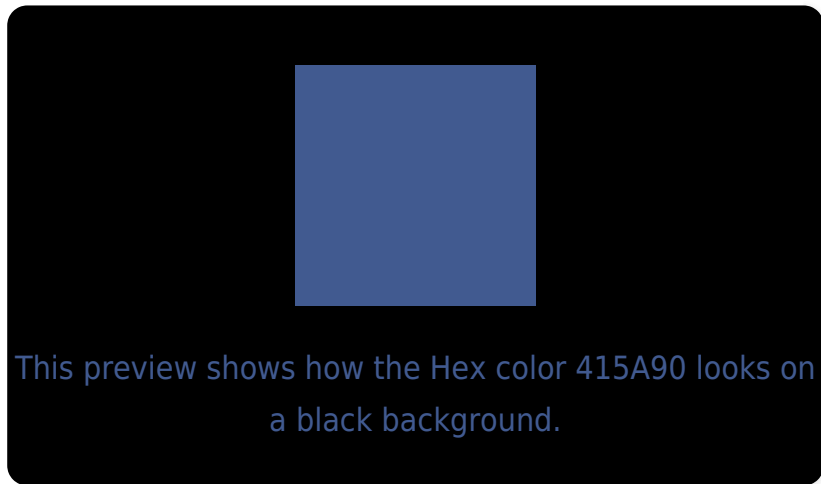
Large Text (above 18pt) WCAG AA ✓ Pass

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

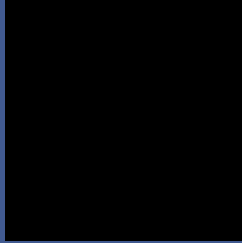
Any Text WCAG AA × Fail

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 415A90 Background



This preview shows how black text looks on a background with the Hex color 415A90.



This preview shows how white text looks on a background with the Hex color 415A90.

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
415A90

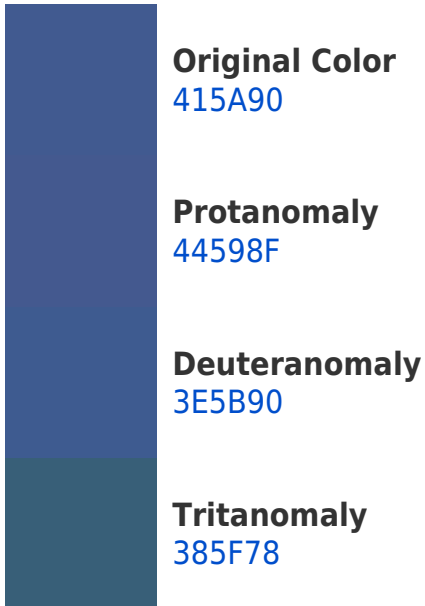
Protanopia
46598F

Deuteranopia
3D5B90

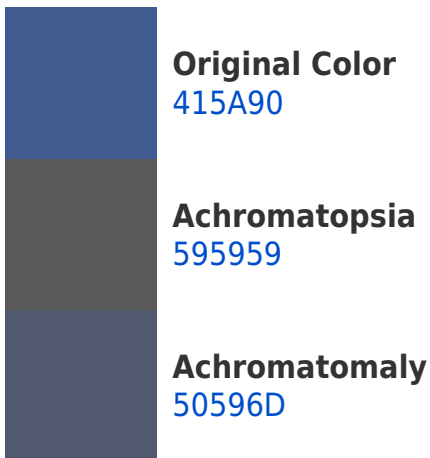


Tritanopia
33626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 415A90 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 #415A90 looks like.

```
.text, #text, p{  
    color:#415A90  
}
```

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 #415A90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415A90
}
```

Border

The CSS property to change the border of an element to Hex 415A90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

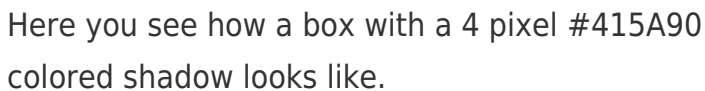
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415A90 }
```

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

```
.border{ border-color:#415A90 }
```

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



Here you see how a box with a 4 pixel #415A90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415A90; -webkit-box-shadow:4px 4px  
4px 4px #415A90; box-shadow:4px 4px 4px  
4px #415A90 }
```

Background

The CSS property to change the background color of an element to Hex 415A90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415A90 }
```

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

```
.background{ background-color:#415A90 }
```

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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