

# Converting Colors

Hex(415F8B)

Have a look what the booklet for  
Hex(415F8B) contains.

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# Color

**Hex(415F8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	415F8B
RGB	65, 95, 139
RGB Percent	25%, 37%, 55%
CMY	0.7451, 0.6275, 0.4549
CMYK	0.53, 0.32, 0.00, 0.45
HSL	216°, 36%, 40%
HSV	216°, 53%, 55%
XYZ	10.9324, 11.1723, 26.0064
YIQ	91.0460, -32.0040, 7.3240

# Conversions

## Conversions Part 2

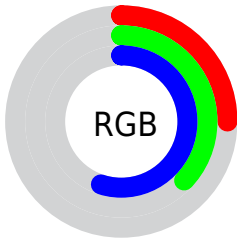
Format	Color
R <sub>Y</sub> B	65, 86, 139
Decimal	4284299
CIE Lab	39.87, 2.35, -27.76
CIE LCh	40, 27.863, 274.831
Yxy	11.1723, 0.2272, 0.2322
Android (android.graphics.Color)	4282474379 (0xFF415F8B)
YUV	91.0460, 23.6413, -22.8423
Hunter-Lab	33.4250, -0.1114, -22.7331

# Details

The Hex color **415F8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B6D41**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7691C1**, and **033159** is the 20% darker color. If you saturate the color by 10%, you get **33578B**, and if you desaturate by 10%, it is **4F678B**.

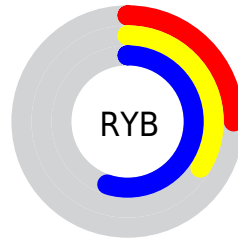
# Distribution



Red (25%)

Green (37%)

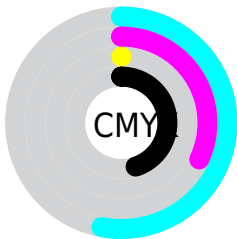
Blue (55%)



Red (25%)

Yellow (34%)

Blue (55%)

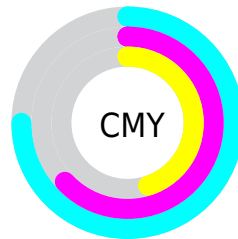


Cyan (53%)

Magenta (32%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (63%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 415F8B 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 415F8B by changing the saturation by 10% instead.



■ 415F8B

■ 415F8B

FFFFFF

■ 264771

■ 7691C1

■ 033159

■ 90ACDD

■ 001D41

■ ACC7F9

■ 00022B

■ C8E3FF

■ 000115

■ E5FFFF

■ 000000

■ 415F8B

■ 415F8B

■ 33578B

■ 4F678B

■ 254E8B

■ 5D708B

■ 17468B

■ 6B788B

■ 093E8B

■ 79808B

■ 00388B

■ 86888B

■ 94918B

■ A2998B

■ B0A18B

■ BEA98B

# Harmonies

## Analogous

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



076587



415F8B



655783

# Triad

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



415F8B



884F45



34684A

# Complementary

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



415F8B



8B6D41

# 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.



516438



415F8B



7C5635

# Square

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



415F8B



894C5B



695E30



046A61

# Rectangle

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



415F8B



775178



695E30



3E6743



# Sweetspot

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



415F8B



98A4B5



418B6C



4A515C



DBDBDB



5C5C5C



# Same Dimension

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



415F8B



4170B5



47418B



3E4145



003685



000205



# Inverse Universe

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



8B415F



B54170



858B41



453E41



850036

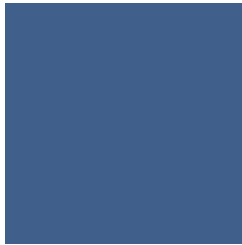


050002



# Previews

## White Background



This preview shows how the Hex color 415F8B looks on a white background.

## Color Contrast Check

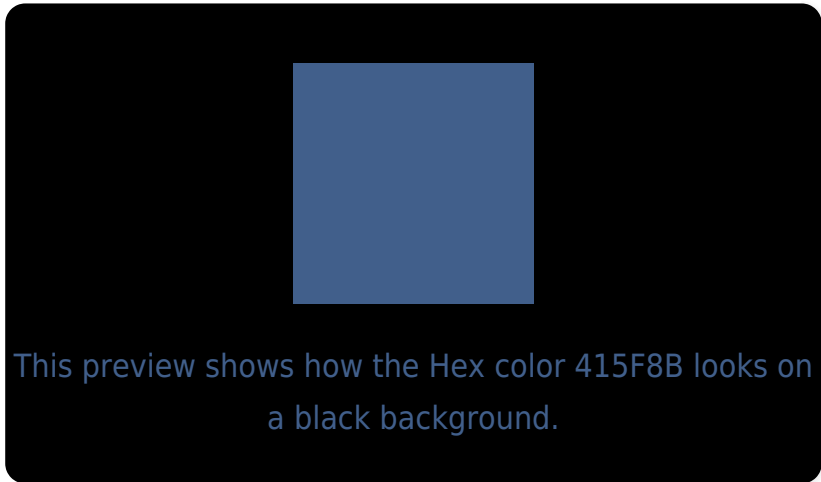
Large Text (above 18pt) WCAG AA ✓ Pass

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

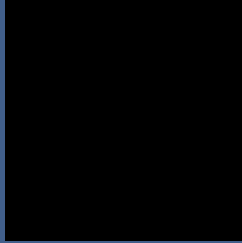
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 415F8B Background



This preview shows how black text looks on a background with the Hex color 415F8B.

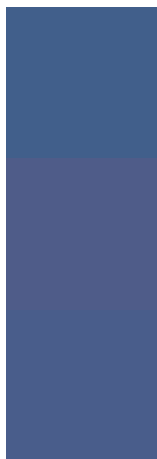


This preview shows how white text looks on a background with the Hex color 415F8B.

# 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**  
415F8B

**Protanopia**  
4F5C89

**Deuteranopia**  
495D8B



**Tritanopia**  
36656D

# Trichromacy



**Original Color**  
415F8B

**Protanomaly**  
4A5D8A

**Deuteranomaly**  
465E8B

**Tritanomaly**  
3A6378

# Monochromacy



**Original Color**  
415F8B

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
525C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 415F8B 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 #415F8B looks like.

```
.text, #text, p{  
    color:#415F8B  
}
```

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 #415F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415F8B
}
```

## Border

The CSS property to change the border of an element to Hex 415F8B 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
#415F8B }
```

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

```
.border{ border-color:#415F8B }
```

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

Here you see how a box with a 4 pixel #415F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415F8B; -webkit-box-shadow:4px 4px  
4px 4px #415F8B; box-shadow:4px 4px 4px  
4px #415F8B }
```

# Background

The CSS property to change the background color of an element to Hex 415F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415F8B }
```

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

```
.background{ background-color:#415F8B }
```

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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