

Converting Colors

Hex(416495)

Have a look what the booklet for
Hex(416495) contains.

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Color

Hex(416495)

Conversions

Conversions Part 1

Format	Color
Hex	416495
RGB	65, 100, 149
RGB Percent	25%, 39%, 58%
CMY	0.7451, 0.6078, 0.4157
CMYK	0.56, 0.33, 0.00, 0.42
HSL	215°, 39%, 42%
HSV	215°, 56%, 58%
XYZ	12.1620, 12.4081, 30.1878
YIQ	95.1210, -36.5890, 7.8190

Conversions

Conversions Part 2

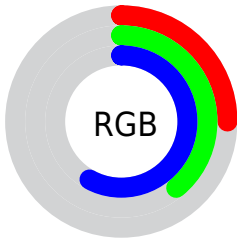
Format	Color
R_{YB}	65, 90, 149
Decimal	4285589
CIE _{Lab}	41.86, 2.57, -30.66
CIE _{LCh}	42, 30.766, 274.793
Yxy	12.4081, 0.2221, 0.2266
Android (android.graphics.Color)	4282475669 (0xFF416495)
YUV	95.1210, 26.5623, -26.4161
Hunter-Lab	35.2251, -0.0143, -26.1537

Details

The Hex color **416495** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **957241**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7797CB**, and **003662** is the 20% darker color. If you saturate the color by 10%, you get **325B95**, and if you desaturate by 10%, it is **506D95**.

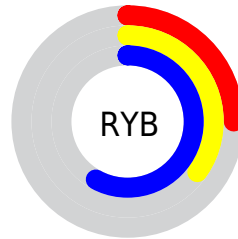
Distribution



Red (25%)

Green (39%)

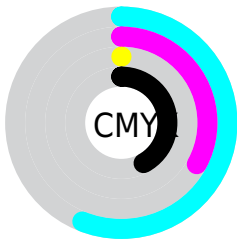
Blue (58%)



Red (25%)

Yellow (35%)

Blue (58%)

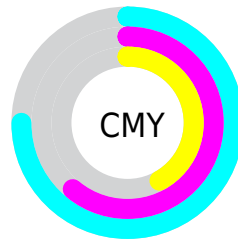


Cyan (56%)

Magenta (33%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (61%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416495 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 416495 by changing the saturation by 10% instead.

■ 416495

■ 416495

FFFFFF

■ 254C7B

■ 7797CB

■ 003662

■ 92B1E8

■ 00214A

■ AECDFE

■ 000933

■ CAE9FF

■ 00021D

■ E7FFFF

■ 000000

■ 416495

■ 416495

■ 325B95

■ 506D95

■ 235395

■ 5F7595

■ 144A95

■ 6E7E95

■ 054195

■ 7D8795

■ 003E95

■ 8B8F95

■ 9A9895

■ A9A195

■ B8AA95

■ C7B295

Harmonies

Analogous

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



006B90



416495



6A5B8C

Triad

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



416495



915147



336E4C

Complementary

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



416495



957241

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.



546A38



416495



845A35

Square

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



416495



924E60



6E632F



007066

Rectangle

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



416495



7E5480



6E632F



3F6D45

Sweetspot

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



416495



A1AFC2



419572



4E5661



E0E0E0



616161

Same Dimension

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



416495



3E75C2



484195



43464A



00398A



00040A

Inverse Universe

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



954164



C23E75



8E9541



4A4346



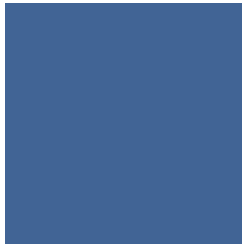
8A0039



0A0004

Previews

White Background



This preview shows how the Hex color 416495 looks on a white background.

Color Contrast Check

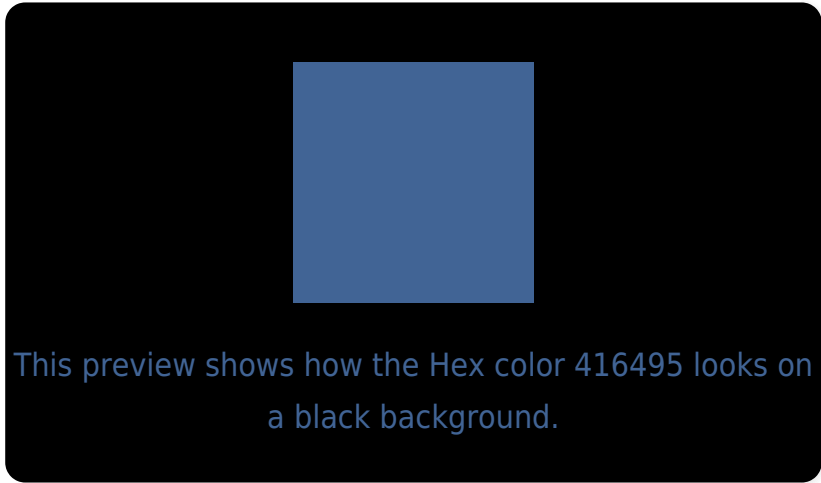
Large Text (above 18pt) WCAG AA ✓ Pass

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

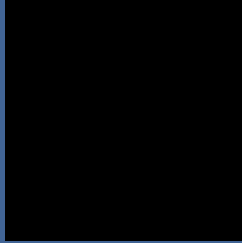
Any Text WCAG AA × Fail

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 416495 Background



This preview shows how black text looks on a background with the Hex color 416495.

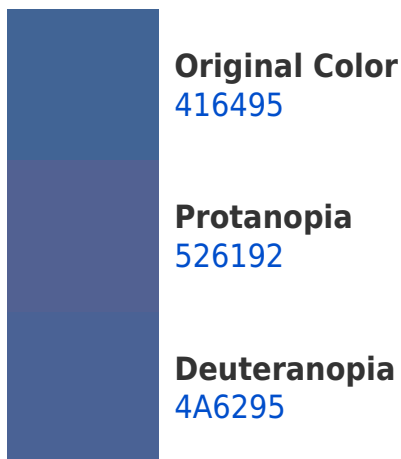



This preview shows how white text looks on a background with the Hex color 416495.

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](#).

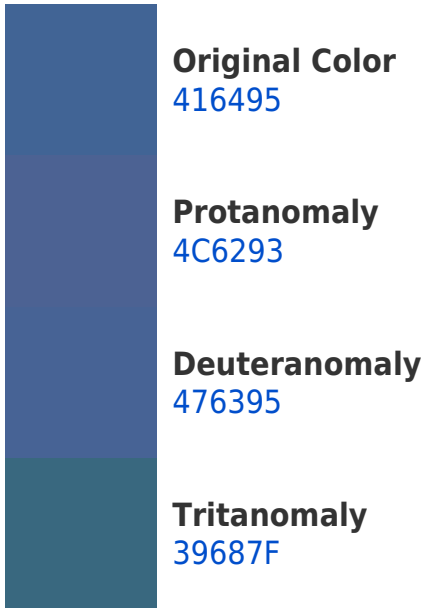
Dichromacy



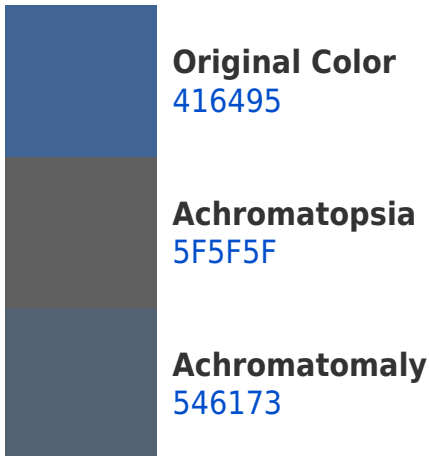


Tritanopia
346B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 416495 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 #416495 looks like.

```
.text, #text, p{  
    color:#416495  
}
```

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 #416495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416495
}
```

Border

The CSS property to change the border of an element to Hex 416495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

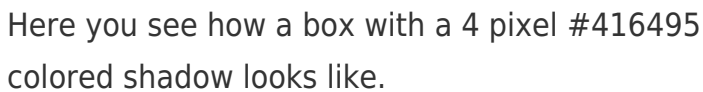
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#416495 }
```

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

```
.border{ border-color:#416495 }
```

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



Here you see how a box with a 4 pixel #416495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416495; -webkit-box-shadow:4px 4px  
4px 4px #416495; box-shadow:4px 4px 4px  
4px #416495 }
```

Background

The CSS property to change the background color of an element to Hex 416495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416495 }
```

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

```
.background{ background-color:#416495 }
```

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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