

Converting Colors

Hex(416CA9)

Have a look what the booklet for
Hex(416CA9) contains.

Hex(416CA9)	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(416CA9)

Conversions

Conversions Part 1

Format	Color
Hex	416CA9
RGB	65, 108, 169
RGB Percent	25%, 42%, 66%
CMY	0.7451, 0.5765, 0.3373
CMYK	0.62, 0.36, 0.00, 0.34
HSL	215°, 44%, 46%
HSV	215°, 62%, 66%
XYZ	14.7040, 14.7135, 39.6011
YIQ	102.0970, -45.2090, 9.8550

Conversions

Conversions Part 2

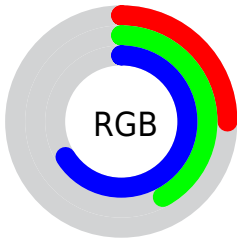
Format	Color
R _{YB}	65, 95, 169
Decimal	4287657
CIE _{Lab}	45.24, 4.45, -37.18
CIE _{LCh}	45, 37.442, 276.825
Y _{xy}	14.7135, 0.2130, 0.2132
Android (android.graphics.Color)	4282477737 (0xFF416CA9)
YUV	102.0970, 32.9832, -32.5341
Hunter-Lab	38.3582, 1.2981, -34.3604

Details

The Hex color **416CA9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A97E41**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7A9FE1**, and **003D74** is the 20% darker color. If you saturate the color by 10%, you get **3062A9**, and if you desaturate by 10%, it is **5276A9**.

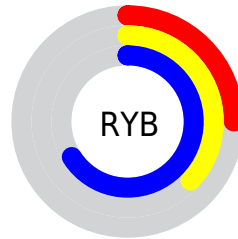
Distribution



Red (25%)

Green (42%)

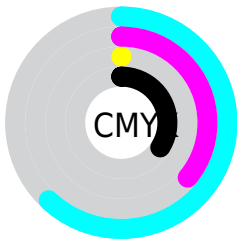
Blue (66%)



Red (25%)

Yellow (37%)

Blue (66%)

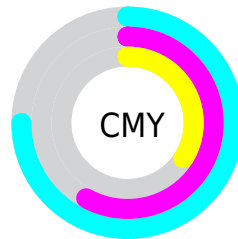


Cyan (62%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (75%)

Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416CA9 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 416CA9 by changing the saturation by 10% instead.

■ 416CA9

■ 416CA9

FFFFFF

■ 21548E

■ 7A9FE1

■ 003D74

■ 96BAFD

■ 00285B

■ B2D6FF

■ 001444

■ CFF2FF

■ 00032D

■ ECFFFF

■ 000117

■ 000000

■ 416CA9

■ 416CA9

■ 3062A9

■ 5276A9

■ 1F58A9

■ 6380A9

■ 0E4EA9

■ 748AA9

■ 0046A9

■ 8594A9

■ 959EA9

■ A6A7A9

■ B7B1A9

■ C8BBA9

■ D9C5A9

Harmonies

Analogous

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



0075A4



416CA9



77609D

Triad

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



416CA9



A25647



287951

Complementary

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



416CA9



A97E41

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.



557437



416CA9



916131

Square

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



416CA9



A55065



766C2A



007B71

Rectangle

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



416CA9



8E588E



766C2A



3A7848

Sweetspot

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



416CA9



B4C4DB



41A97E



56606E



EDEDED



6E6E6E

Same Dimension

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



416CA9



397CDB



4A41A9



4C4F54



003D94



000814

Inverse Universe

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



A9416C



DB397C



A0A941



544C4F



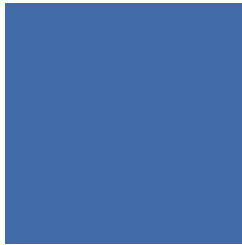
94003D



140008

Previews

White Background



This preview shows how the Hex color 416CA9 looks on a white background.

Color Contrast Check

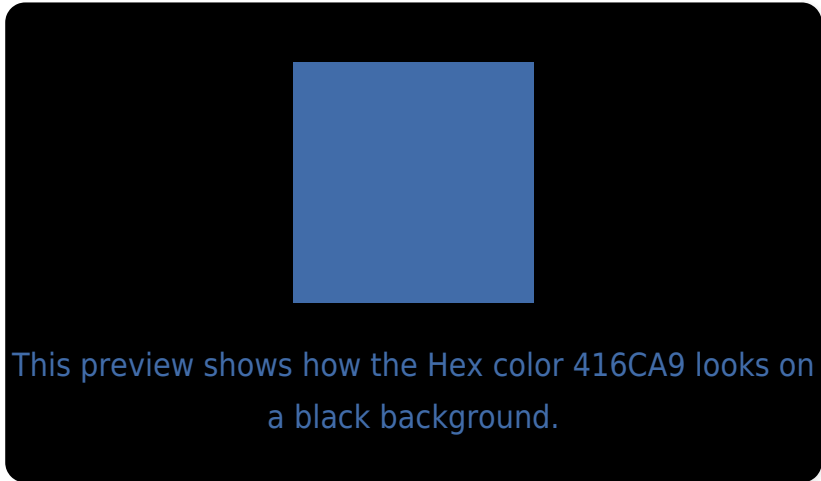
Large Text (above 18pt) WCAG AA ✓ Pass

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 416CA9 Background



This preview shows how black text looks on a background with the Hex color 416CA9.



This preview shows how white text looks on a background with the Hex color 416CA9.

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
416CA9

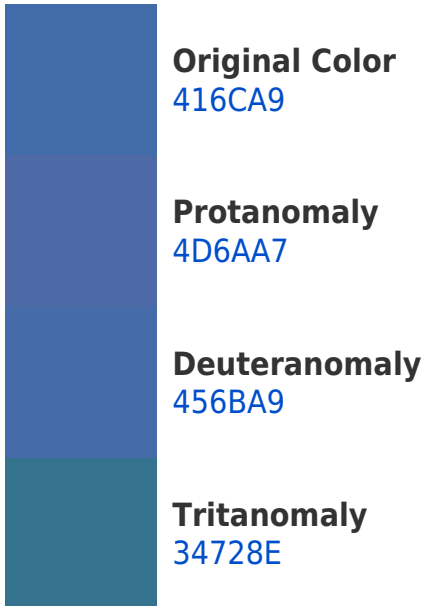
Protanopia
5469A6

Deuteranopia
476BA9



Tritanopia
2C757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 416CA9 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 #416CA9 looks like.

```
.text, #text, p{  
    color:#416CA9  
}
```

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 #416CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416CA9
}
```

Border

The CSS property to change the border of an element to Hex 416CA9 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
#416CA9 }
```

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

```
.border{ border-color:#416CA9 }
```

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

Here you see how a box with a 4 pixel #416CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416CA9; -webkit-box-shadow:4px 4px  
4px 4px #416CA9; box-shadow:4px 4px 4px  
4px #416CA9 }
```

Background

The CSS property to change the background color of an element to Hex 416CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416CA9 }
```

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

```
.background{ background-color:#416CA9 }
```

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