

Converting Colors

Hex(416BC7)

Have a look what the booklet for
Hex(416BC7) contains.

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Color

Hex(416BC7)

Conversions

Conversions Part 1

Format	Color
Hex	416BC7
RGB	65, 107, 199
RGB Percent	25%, 42%, 78%
CMY	0.7451, 0.5804, 0.2196
CMYK	0.67, 0.46, 0.00, 0.22
HSL	221°, 54%, 52%
HSV	221°, 67%, 78%
XYZ	17.7465, 15.7627, 56.1400
YIQ	104.9300, -54.5640, 19.7080

Conversions

Conversions Part 2

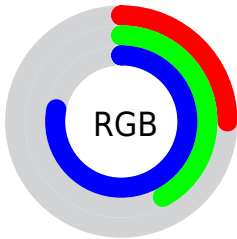
Format	Color
R_{YB}	65, 97, 199
Decimal	4287431
CIE _{Lab}	46.66, 15.68, -52.34
CIE _{LCh}	47, 54.636, 286.682
Yxy	15.7627, 0.1980, 0.1758
Android (android.graphics.Color)	4282477511 (0xFF416BC7)
YUV	104.9300, 46.3765, -35.0186
Hunter-Lab	39.7023, 10.3084, -56.0459

Details

The Hex color **416BC7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C79D41**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7E9EFF**, and **003D90** is the 20% darker color. If you saturate the color by 10%, you get **2D5DC7**, and if you desaturate by 10%, it is **5579C7**.

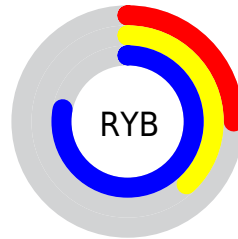
Distribution



Red (25%)

Green (42%)

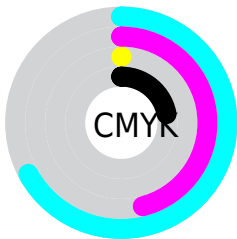
Blue (78%)



Red (25%)

Yellow (38%)

Blue (78%)

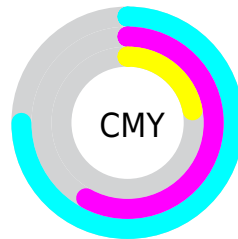


Cyan (67%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416BC7 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 416BC7 by changing the saturation by 10% instead.

■ 416BC7

■ 416BC7

FFFFFF

■ 1853AB

■ 7E9EFF

■ 003D90

■ 9CB9FF

■ 002876

■ B9D4FF

■ 00155D

■ D7F0FF

■ 000745

■ F5FFFF

■ 00032D

■ 000118

■ 000000

■ 416BC7

■ 416BC7

■ 2D5DC7

■ 5579C7

■ 1950C7

■ 6986C7

■ 0542C7

■ 7D94C7

■ 003EC7

■ 91A2C7

■ A5AFC7

■ B8BDC7

■ CCCBC7

■ E0D8C7

■ F4E6C7

Harmonies

Analogous

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



007AC8



416BC7



9156AE

Triad

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



416BC7



B3512D



008358

Complementary

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



416BC7



C79D41

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.



357E2A



416BC7



966504

Square

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



416BC7



C14157



6D7400



008488

Rectangle

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



416BC7



AD4994



6D7400



008148

Sweetspot

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



416BC7



CCDCFF



41C79D



616A80



000000



808080

Same Dimension

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



416BC7



3071FF



5A41C7



5A5D63



0033A3



000B24

Inverse Universe

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



C7416B



FF3071



AEC741



635A5D



A30033



24000B

Previews

White Background



This preview shows how the Hex color 416BC7 looks on a white background.

Color Contrast Check

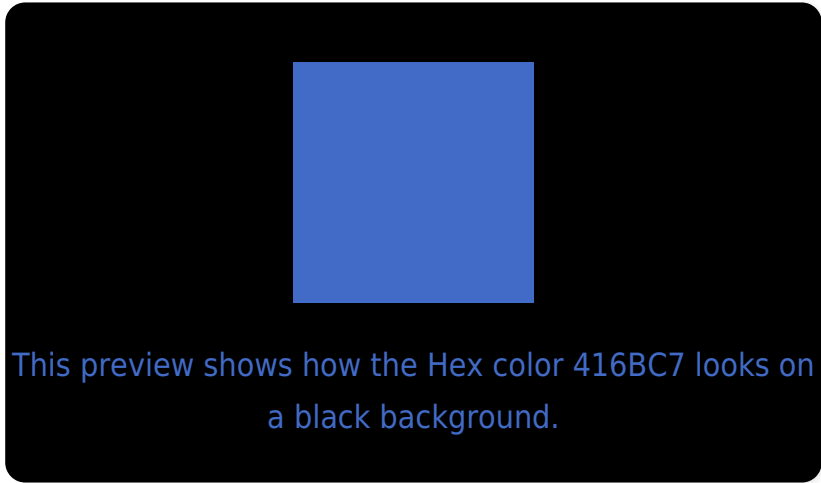
Large Text (above 18pt) WCAG AA ✓ Pass

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

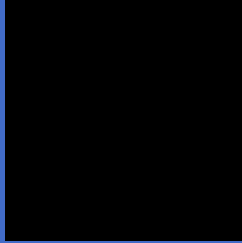
Any Text WCAG AA × Fail

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 416BC7 Background



This preview shows how black text looks on a background with the Hex color 416BC7.



This preview shows how white text looks on a background with the Hex color 416BC7.

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



Trichromacy



Original Color
416BC7

Protanomaly
416BC7

Deuteranomaly
236EC6

Monochromacy



Original Color
416BC7

Achromatopsia
696969

Achromatomaly
5A6A8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 416BC7 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 #416BC7 looks like.

```
.text, #text, p{  
    color:#416BC7  
}
```

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 #416BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416BC7
}
```

Border

The CSS property to change the border of an element to Hex 416BC7 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
#416BC7 }
```

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

```
.border{ border-color:#416BC7 }
```

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

Here you see how a box with a 4 pixel #416BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416BC7; -webkit-box-shadow:4px 4px  
4px 4px #416BC7; box-shadow:4px 4px 4px  
4px #416BC7 }
```

Background

The CSS property to change the background color of an element to Hex 416BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416BC7 }
```

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

```
.background{ background-color:#416BC7 }
```

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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