

Converting Colors

Hex(417CBC)

Have a look what the booklet for
Hex(417CBC) contains.

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Color

Hex(417CBC)

Conversions

Conversions Part 1

Format	Color
Hex	417CBC
RGB	65, 124, 188
RGB Percent	25%, 49%, 74%
CMY	0.7451, 0.5137, 0.2627
CMYK	0.65, 0.34, 0.00, 0.26
HSL	211°, 49%, 50%
HSV	211°, 65%, 74%
XYZ	18.4647, 19.1700, 50.3039
YIQ	113.6550, -55.7080, 7.3960

Conversions

Conversions Part 2

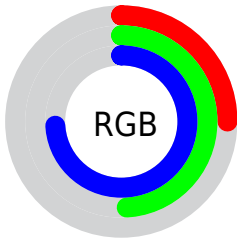
Format	Color
R _Y B	65, 105, 188
Decimal	4291772
CIE Lab	50.89, 1.28, -39.29
CIE LCh	51, 39.313, 271.870
Yxy	19.1700, 0.2100, 0.2180
Android (android.graphics.Color)	4282481852 (0xFF417CBC)
YUV	113.6550, 36.6521, -42.6704
Hunter-Lab	43.7835, -1.3427, -37.4712

Details

The Hex color **417CBC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BC8141**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7CB0F5**, and **004C86** is the 20% darker color. If you saturate the color by 10%, you get **2E72BC**, and if you desaturate by 10%, it is **5486BC**.

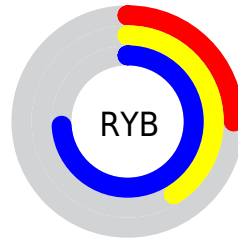
Distribution



Red (25%)

Green (49%)

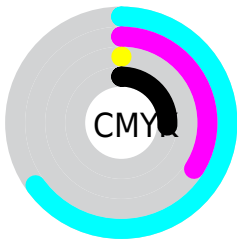
Blue (74%)



Red (25%)

Yellow (41%)

Blue (74%)

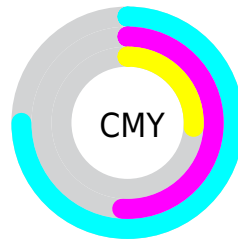


Cyan (65%)

Magenta (34%)

Yellow (0%)

Black (26%)



Cyan (75%)

Magenta (51%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417CBC 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 417CBC by changing the saturation by 10% instead.

■ 417CBC

■ 417CBC

FFFFFF

■ 1C63A1

■ 7CB0F5

■ 004C86

■ 99CCFF

■ 00356D

■ B6E8FF

■ 002154

■ D3FFFF

■ 00083C

■ F1FFFF

■ 000226

■ 00010F

■ 000000

■ 417CBC

■ 417CBC

■ 2E72BC

■ 5486BC

■ 1B68BC

■ 6790BC

■ 095FBC

■ 7999BC

■ 005ABC

■ 8CA3BC

■ 9FADBC

■ B2B7BC

■ C5C0BC

■ D7CABC

■ EAD4BC

Harmonies

Analogous

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



0085B4



417CBC



7E70B2

Triad

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



417CBC



B66158



3C8858

Complementary

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



417CBC



BC8141

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.



69823E



417CBC



A66C3E

Square

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



417CBC



B75D78



8B7834



008A7A

Rectangle

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



417CBC



9A67A3



8B7834



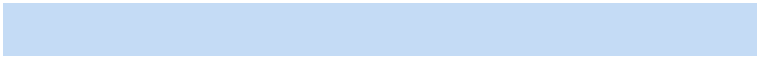
4D864E

Sweetspot

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



417CBC



C4DBF5



41BC81



5D6B7A



FAFAFA



7A7A7A

Same Dimension

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



417CBC



3390F5



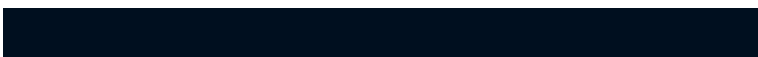
4341BC



55595E



004C9E



000F1F

Inverse Universe

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



BC417C



F53390



BABC41



5E5559



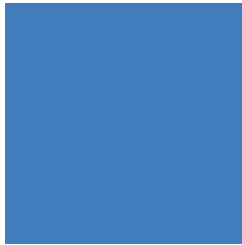
9E004C



1F000F

Previews

White Background



This preview shows how the Hex color 417CBC looks on a white background.

Color Contrast Check

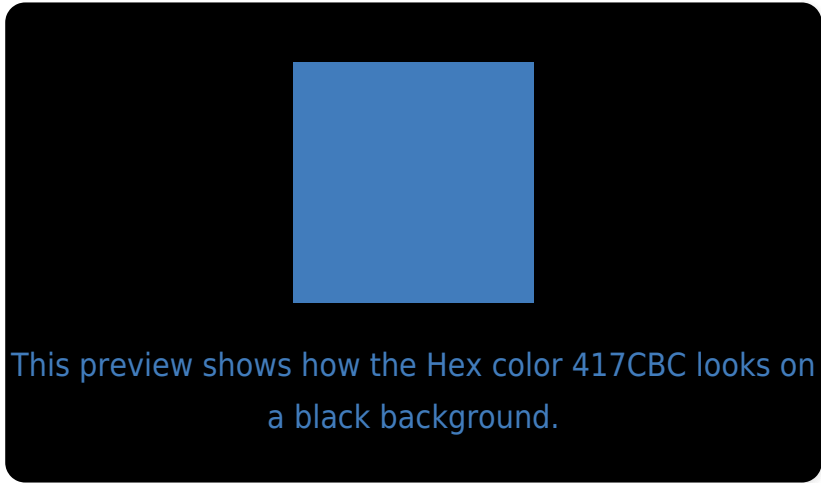
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

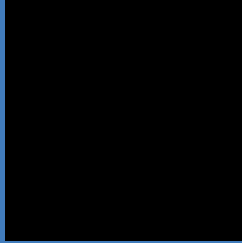
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 417CBC Background



This preview shows how black text looks on a background with the Hex color 417CBC.

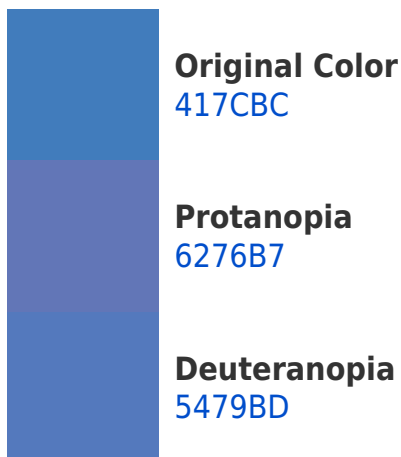


This preview shows how white text looks on a background with the Hex color 417CBC.

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](#).

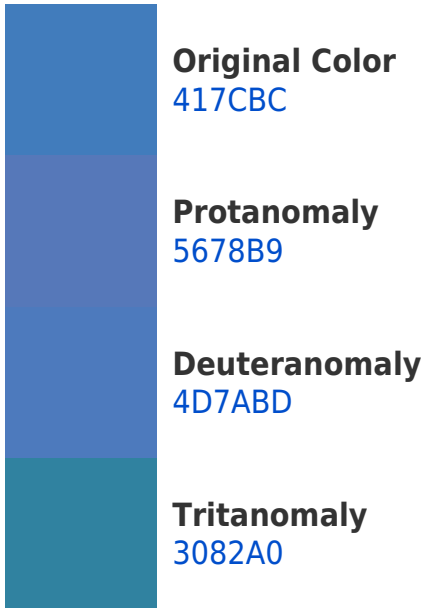
Dichromacy



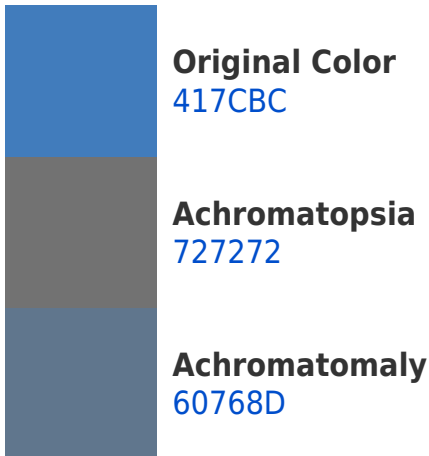


Tritanopia
278590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 417CBC 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 #417CBC looks like.

```
.text, #text, p{  
    color:#417CBC  
}
```

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 #417CBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417CBC
}
```

Border

The CSS property to change the border of an element to Hex 417CBC 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
#417CBC }
```

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

```
.border{ border-color:#417CBC }
```

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

Here you see how a box with a 4 pixel #417CBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417CBC; -webkit-box-shadow:4px 4px  
4px 4px #417CBC; box-shadow:4px 4px 4px  
4px #417CBC }
```

Background

The CSS property to change the background color of an element to Hex 417CBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417CBC }
```

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

```
.background{ background-color:#417CBC }
```

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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