

Converting Colors

Hex(418BB4)

Have a look what the booklet for
Hex(418BB4) contains.

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Color

Hex(418BB4)

Conversions

Conversions Part 1

Format	Color
Hex	418BB4
RGB	65, 139, 180
RGB Percent	25%, 55%, 71%
CMY	0.7451, 0.4549, 0.2941
CMYK	0.64, 0.23, 0.00, 0.29
HSL	201°, 47%, 48%
HSV	201°, 64%, 71%
XYZ	19.6508, 22.8843, 46.5614
YIQ	121.5480, -57.2650, -2.9370

Conversions

Conversions Part 2

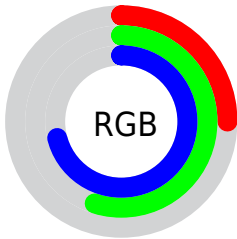
Format	Color
R _Y B	65, 110, 180
Decimal	4295604
CIE Lab	54.95, -10.18, -28.35
CIE LCh	55, 30.118, 250.249
Yxy	22.8843, 0.2206, 0.2568
Android (android.graphics.Color)	4282485684 (0xFF418BB4)
YUV	121.5480, 28.8168, -49.5926
Hunter-Lab	47.8376, -10.3912, -24.2220

Details

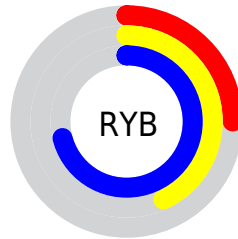
The Hex color **418BB4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B46A41**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7CC0EC**, and **00597F** is the 20% darker color. If you saturate the color by 10%, you get **2F85B4**, and if you desaturate by 10%, it is **5391B4**.

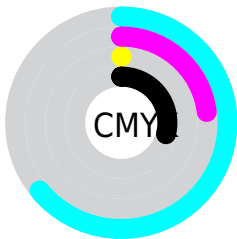
Distribution



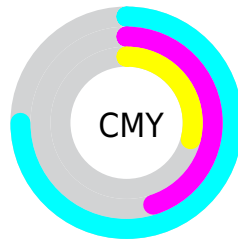
- Red (25%)
- Green (55%)
- Blue (71%)



- Red (25%)
- Yellow (43%)
- Blue (71%)



- Cyan (64%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418BB4 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 418BB4 by changing the saturation by 10% instead.

■ 418BB4

■ 418BB4

FFFFFF

■ 1E7299

■ 7CC0EC

■ 00597F

■ 98DCFF

■ 004266

■ B5F9FF

■ 002C4E

■ D2FFFF

■ 001837

■ F0FFFF

■ 000221

■ 000006

■ 000000

■ 418BB4

■ 418BB4

■ 2F85B4

■ 5391B4

■ 1D7EB4

■ 6598B4

■ 0B78B4

■ 779EB4

■ 0074B4

■ 89A5B4

■ 9BABB4

■ ADB2B4

■ BFB8B4

■ D1BEB4

■ E3C5B4

Harmonies

Analogous

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



1D90A4



418BB4



6D83B7

Triad

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



418BB4



B66F7B



6F8C5B

Complementary

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



418BB4



B46A41

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.



8C8550



418BB4



B37463

Square

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



418BB4



AC7296



A47C53



4F9071

Rectangle

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



418BB4



877DB1



A47C53



798A56

Sweetspot

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



418BB4



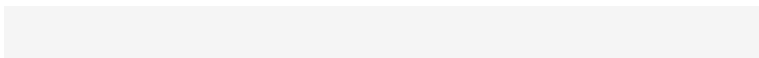
BEDBEB



41B469



5A6C75



F5F5F5



757575

Same Dimension

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



418BB4



36AAEB



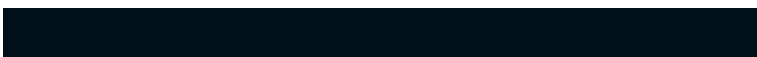
4152B4



505659



006299



00101A

Inverse Universe

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



B4418B



EB36AA



B4A341



595056



990062



1A0010

Previews

White Background



This preview shows how the Hex color 418BB4 looks on a white background.

Color Contrast Check

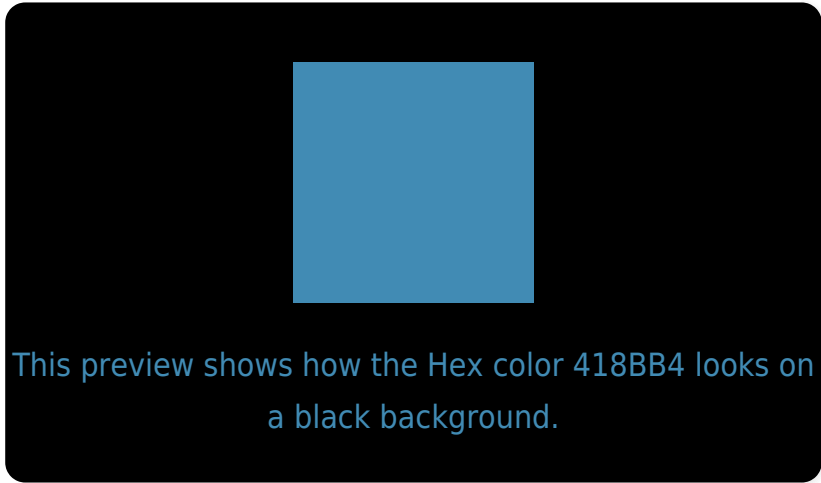
Large Text (above 18pt) WCAG AA ✓ Pass

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

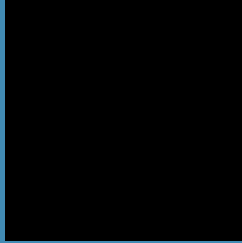
Any Text WCAG AA ✓ Pass

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 418BB4 Background



This preview shows how black text looks on a background with the Hex color 418BB4.

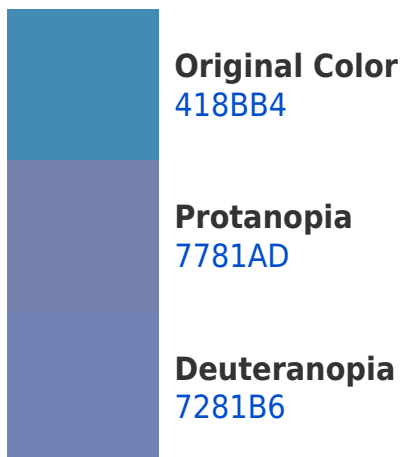


This preview shows how white text looks on a background with the Hex color 418BB4.

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](#).

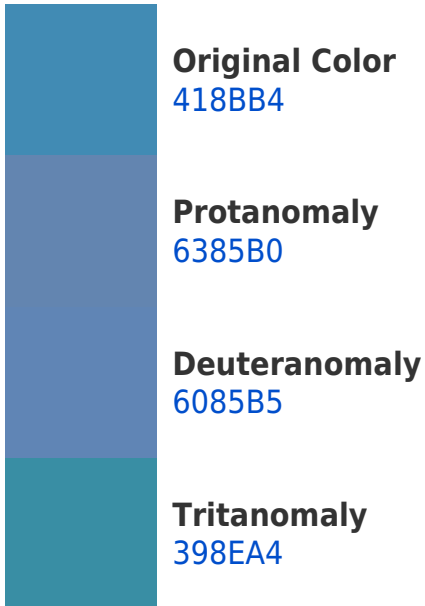
Dichromacy





Tritanopia
348F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418BB4 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 #418BB4 looks like.

```
.text, #text, p{  
    color:#418BB4  
}
```

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 #418BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418BB4
}
```

Border

The CSS property to change the border of an element to Hex 418BB4 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
#418BB4 }
```

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

```
.border{ border-color:#418BB4 }
```

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

Here you see how a box with a 4 pixel #418BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418BB4; -webkit-box-shadow:4px 4px  
4px 4px #418BB4; box-shadow:4px 4px 4px  
4px #418BB4 }
```

Background

The CSS property to change the background color of an element to Hex 418BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418BB4 }
```

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

```
.background{ background-color:#418BB4 }
```

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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