

Converting Colors

Hex(4168BE)

Have a look what the booklet for
Hex(4168BE) contains.

Hex(4168BE)	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(4168BE)

Conversions

Conversions Part 1

Format	Color
Hex	4168BE
RGB	65, 104, 190
RGB Percent	25%, 41%, 75%
CMY	0.7451, 0.5922, 0.2549
CMYK	0.66, 0.45, 0.00, 0.25
HSL	221°, 49%, 50%
HSV	221°, 66%, 75%
XYZ	16.4246, 14.7422, 50.6950
YIQ	102.1430, -50.8500, 18.4780

Conversions

Conversions Part 2

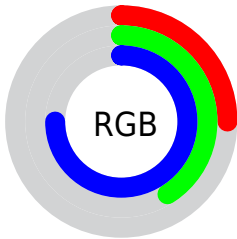
Format	Color
R_{YB}	65, 95, 190
Decimal	4286654
CIE _{Lab}	45.28, 14.36, -49.36
CIE _{LCh}	45, 51.406, 286.226
Yxy	14.7422, 0.2006, 0.1801
Android (android.graphics.Color)	4282476734 (0xFF4168BE)
YUV	102.1430, 43.3135, -32.5744
Hunter-Lab	38.3955, 9.1653, -51.4060

Details

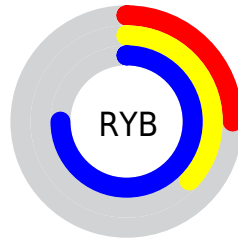
The Hex color **4168BE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BE9741**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7D9BF7**, and **003A88** is the 20% darker color. If you saturate the color by 10%, you get **2E5BBE**, and if you desaturate by 10%, it is **5475BE**.

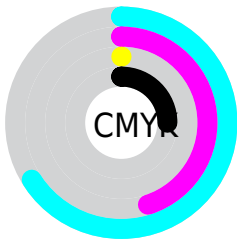
Distribution



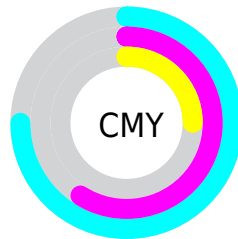
- Red (25%)
- Green (41%)
- Blue (75%)



- Red (25%)
- Yellow (37%)
- Blue (75%)



- Cyan (66%)
- Magenta (45%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (59%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4168BE 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 4168BE by changing the saturation by 10% instead.

 4168BE

 4168BE

FFFFFF

 1B50A3

 7D9BF7

 003A88

 9AB5FF

 00256E

 B7D1FF

 001155

 D4EDFF

 00063D

 F2FFFF

 000326

 000110

 000000

 4168BE

 4168BE

■ 2E5BBE

■ 5475BE

■ 1B4EBE

■ 6782BE

■ 0841BE

■ 7A8FBE

■ 003BBE

■ 8D9CBE

■ A0A9BE

■ B3B6BE

■ C6C4BE

■ D9D1BE

■ ECDEBE

Harmonies

Analogous

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



0076BF



4168BE



8A55A7

Triad

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



4168BE



AC502E



007E55

Complementary

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



4168BE



BE9741

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.



37792B



4168BE



91620C

Square

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



4168BE



B84256



6A7007



007F82

Rectangle

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



4168BE



A6498F



6A7007



007D47

Sweetspot

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



4168BE



C6D5F7



41BE96



5F687D



FCFCFC



7D7D7D

Same Dimension

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



4168BE



3471F7



5841BE



55585E



00319E



000A1F

Inverse Universe

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



BE4168



F73471



A7BE41



5E5558



9E0031



1F000A

Previews

White Background



This preview shows how the Hex color 4168BE looks on a white background.

Color Contrast Check

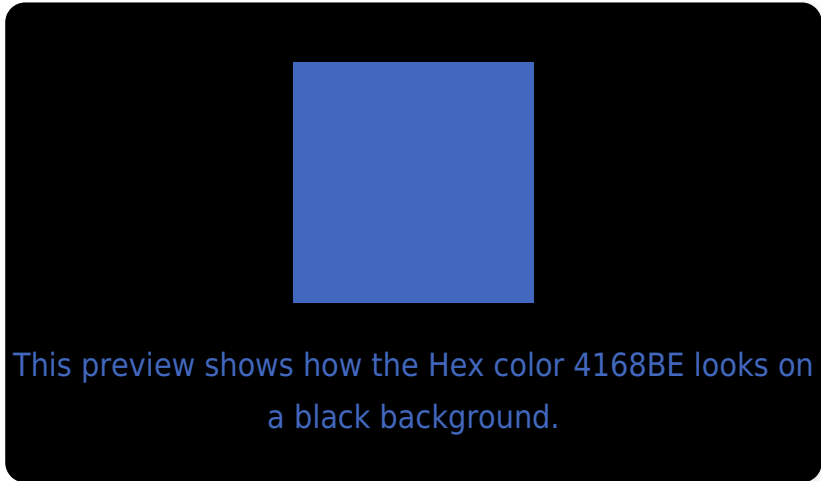
Large Text (above 18pt) WCAG AA ✓ Pass

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 4168BE Background



This preview shows how black text looks on a background with the Hex color 4168BE.

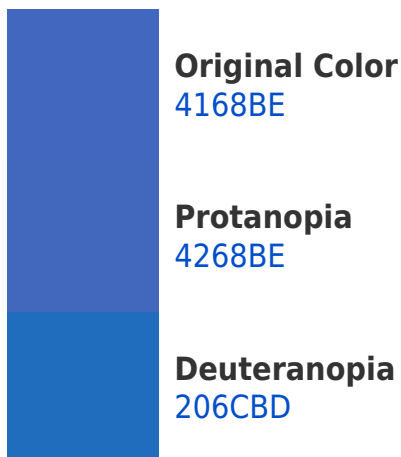


This preview shows how white text looks on a background with the Hex color 4168BE.

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](#).

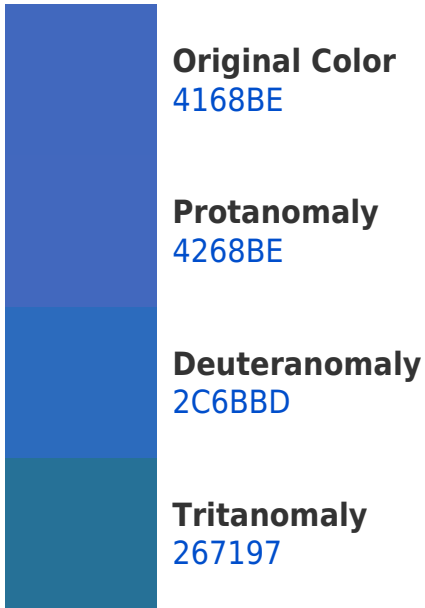
Dichromacy





Tritanopia
177680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4168BE 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 #4168BE looks like.

```
.text, #text, p{  
    color:#4168BE  
}
```

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 #4168BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4168BE
}
```

Border

The CSS property to change the border of an element to Hex 4168BE 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".

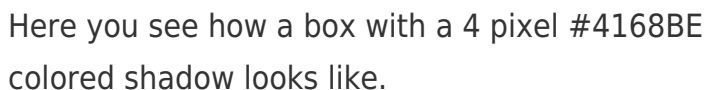
```
.border, #border, table{ border:4px solid
#4168BE }
```

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

```
.border{ border-color:#4168BE }
```

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

Here you see how a box with a 4 pixel #4168BE colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4168BE; -webkit-box-shadow:4px 4px  
4px 4px #4168BE; box-shadow:4px 4px 4px  
4px #4168BE }
```

Background

The CSS property to change the background color of an element to Hex 4168BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4168BE }
```

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

```
.background{ background-color:#4168BE }
```

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