

Converting Colors

Hex(4571B8)

Have a look what the booklet for
Hex(4571B8) contains.

Hex(4571B8)	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(4571B8)

Conversions

Conversions Part 1

Format	Color
Hex	4571B8
RGB	69, 113, 184
RGB Percent	27%, 44%, 72%
CMY	0.7294, 0.5569, 0.2784
CMYK	0.63, 0.39, 0.00, 0.28
HSL	217°, 45%, 50%
HSV	217°, 62%, 72%
XYZ	17.0111, 16.5362, 47.6426
YIQ	107.9380, -49.0150, 12.7530

Conversions

Conversions Part 2

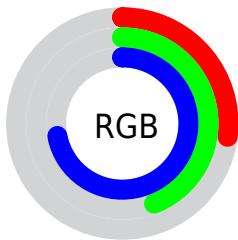
Format	Color
RYB	69, 101, 184
Decimal	4551096
CIELab	47.67, 7.33, -42.06
CIElCh	48, 42.695, 279.891
Yxy	16.5362, 0.2095, 0.2037
Android (android.graphics.Color)	4282741176 (0xFF4571B8)
YUV	107.9380, 37.4986, -34.1486
Hunter-Lab	40.6647, 3.5081, -40.9987

Details

The Hex color **4571B8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B88C45**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7FA4F0**, and **004282** is the 20% darker color. If you saturate the color by 10%, you get **3366B8**, and if you desaturate by 10%, it is **577CB8**.

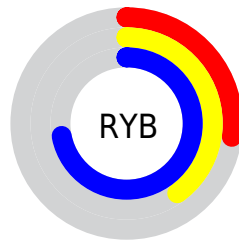
Distribution



Red (27%)

Green (44%)

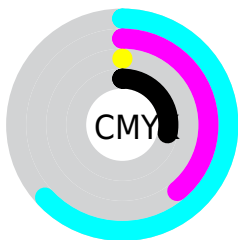
Blue (72%)



Red (27%)

Yellow (40%)

Blue (72%)

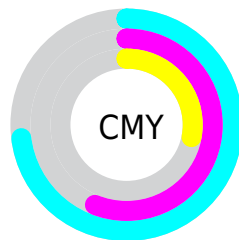


Cyan (63%)

Magenta (39%)

Yellow (0%)

Black (28%)



Cyan (73%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4571B8 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 4571B8 by changing the saturation by 10% instead.

■ 4571B8

■ 4571B8

FFFFFF

■ 24599D

■ 7FA4F0

■ 004282

■ 9BBFFF

■ 002C69

■ B8DBFF

■ 001950

■ D5F8FF

■ 000539

■ F3FFFF

■ 000222

■ 000009

■ 000000

■ 4571B8

■ 4571B8

■ 3366B8

■ 577CB8

■ 205AB8

■ 6A88B8

■ 0E4FB8

■ 7C93B8

■ 0046B8

■ 8F9EB8

■ A1AAB8

■ B3B5B8

■ C6C1B8

■ D8CCB8

■ EBD7B8

Harmonies

Analogous

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



007CB4



4571B8



8363A9

Triad

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



4571B8



AE5945



0E8157

Complementary

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



4571B8



B88C45

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.



537C37



4571B8



99662C

Square

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



4571B8



B45167



7A7326



00837C

Rectangle

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



4571B8



9D5996



7A7326



30804B

Sweetspot

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



4571B8



C2D4F0



45B88C



5C6778



F7F7F7



787878

Same Dimension

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



4571B8



3C81F0



5245B8



53565C



003C9C



000B1C

Inverse Universe

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



B84571



F03C81



ABB845



5C5356



9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 4571B8 looks on a white background.

Color Contrast Check

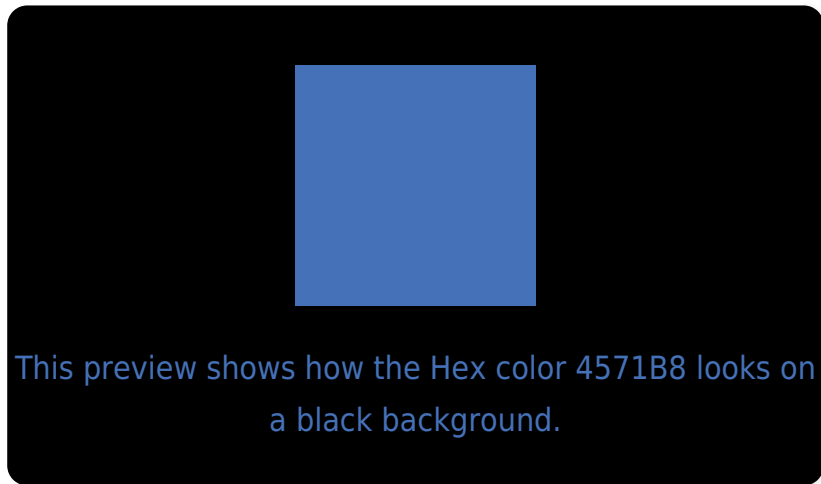
Large Text (above 18pt) WCAG AA ✓ Pass

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 4571B8 Background



This preview shows how black text looks on a background with the Hex color 4571B8.



This preview shows how white text looks on a background with the Hex color 4571B8.

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](#).

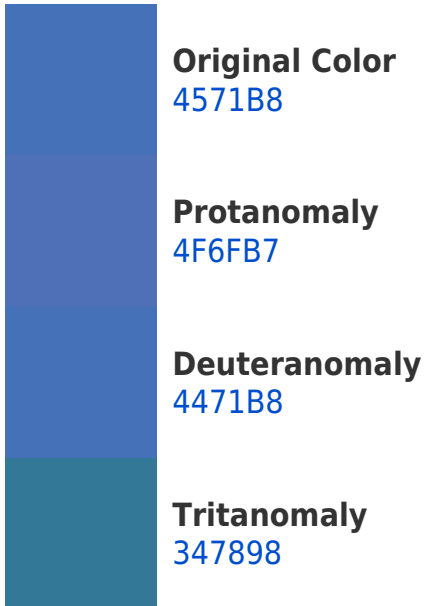
Dichromacy



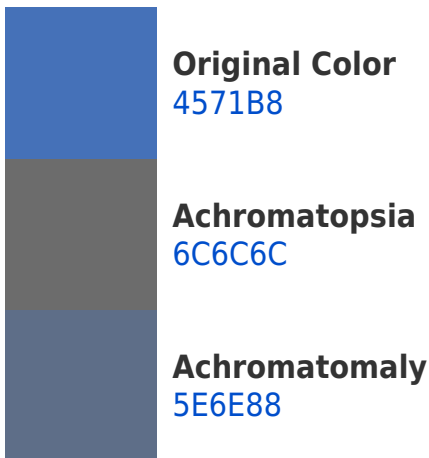


Tritanopia
2B7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4571B8 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 #4571B8 looks like.

```
.text, #text, p{  
    color:#4571B8  
}
```

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 #4571B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4571B8
}
```

Border

The CSS property to change the border of an element to Hex 4571B8 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
#4571B8 }
```

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

```
.border{ border-color:#4571B8 }
```

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

Here you see how a box with a 4 pixel #4571B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4571B8; -webkit-box-shadow:4px 4px  
4px 4px #4571B8; box-shadow:4px 4px 4px  
4px #4571B8 }
```

Background

The CSS property to change the background color of an element to Hex 4571B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4571B8 }
```

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

```
.background{ background-color:#4571B8 }
```

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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