

Converting Colors

Hex(4C5F8B)

Have a look what the booklet for
Hex(4C5F8B) contains.

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Color

Hex(4C5F8B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4C5F8B |
| RGB | 76, 95, 139 |
| RGB Percent | 30%, 37%, 55% |
| CMY | 0.7020, 0.6275, 0.4549 |
| CMYK | 0.45, 0.32, 0.00, 0.45 |
| HSL | 222°, 29%, 42% |
| HSV | 222°, 45%, 55% |
| XYZ | 11.7329, 11.5850, 26.0438 |
| YIQ | 94.3350, -25.4480, 9.6560 |

Conversions

Conversions Part 2

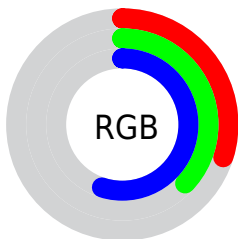
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 91, 139 |
| Decimal | 5005195 |
| CIE Lab | 40.55, 5.21, -26.65 |
| CIE LCh | 41, 27.157, 281.067 |
| Yxy | 11.5850, 0.2377, 0.2347 |
| Android (android.graphics.Color) | 4283195275 (0xFF4C5F8B) |
| YUV | 94.3350, 22.0198, -16.0798 |
| Hunter-Lab | 34.0367, 1.9669, -21.5411 |

Details

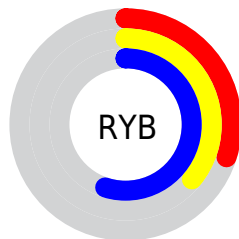
The Hex color **4C5F8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B784C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8091C1**, and **183159** is the 20% darker color. If you saturate the color by 10%, you get **3E558B**, and if you desaturate by 10%, it is **5A698B**.

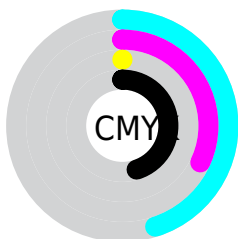
Distribution



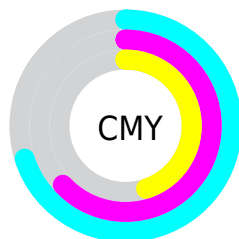
- Red (30%)
- Green (37%)
- Blue (55%)



- Red (30%)
- Yellow (36%)
- Blue (55%)



- Cyan (45%)
- Magenta (32%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (63%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5F8B 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 4C5F8B by changing the saturation by 10% instead.

■ 4C5F8B

■ 4C5F8B

FFFFFF

■ 334771

■ 8091C1

■ 183159

■ 9BACDD

■ 001D41

■ B6C7F9

■ 00012B

■ D2E3FF

■ 000115

■ EFFFFFF

■ 000000

■ 4C5F8B

■ 4C5F8B

■ 3E558B

■ 5A698B

■ 304C8B

■ 68728B

■ 22428B

■ 767C8B

■ 14388B

■ 84868B

■ 072E8B

■ 91908B

■ 002A8B

■ 9F998B

■ ADA38B

■ BBAD8B

■ C9B68B

Harmonies

Analogous

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



206689



4C5F8B



6D5781

Triad

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



4C5F8B



875243



306A50

Complementary

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



4C5F8B



8B784C

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.



4D673D



4C5F8B



7A5936

Square

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



4C5F8B



8A4E58



666133



026B67

Rectangle

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



4C5F8B



7C5275



666133



3B6949

Sweetspot

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



4C5F8B



9CA3B5



4C8B77



4C515C



DBDBDB



5C5C5C

Same Dimension

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



4C5F8B



5371B5



584C8B



3E4045



002885



000205

Inverse Universe

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



8B4C5F



B55371



7F8B4C



453E40



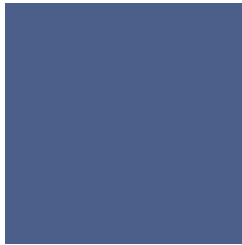
850028



050002

Previews

White Background



This preview shows how the Hex color 4C5F8B looks on a white background.

Color Contrast Check

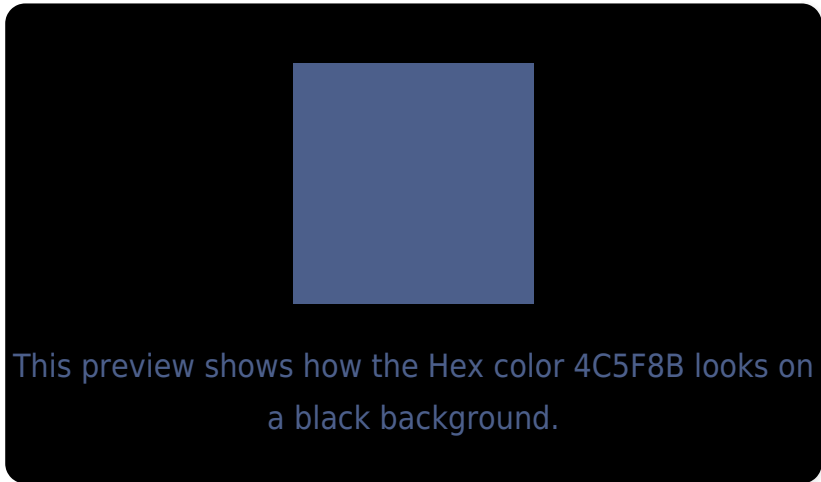
Large Text (above 18pt) WCAG AA ✓ Pass

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

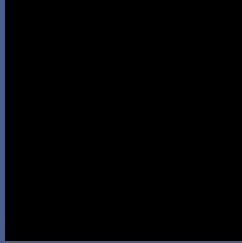
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

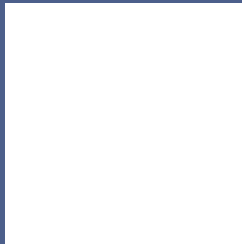
Any Text WCAG AAA × Fail

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

Hex 4C5F8B Background



This preview shows how black text looks on a background with the Hex color 4C5F8B.

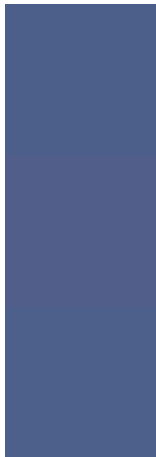


This preview shows how white text looks on a background with the Hex color 4C5F8B.

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



Original Color
4C5F8B

Protanopia
515E8A

Deuteranopia
4D5F8B



Tritanopia
43656D

Trichromacy



Original Color
4C5F8B

Protanomaly
4F5E8A

Deuteranomaly
4D5F8B

Tritanomaly
466378

Monochromacy



Original Color
4C5F8B

Achromatopsia
5E5E5E

Achromatomaly
575E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5F8B 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 #4C5F8B looks like.

```
.text, #text, p{  
    color:#4C5F8B  
}
```

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 #4C5F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5F8B
}
```

Border

The CSS property to change the border of an element to Hex 4C5F8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

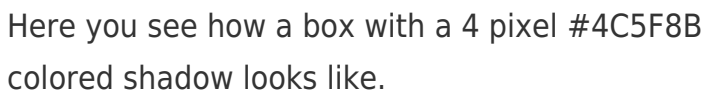
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5F8B }
```

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

```
.border{ border-color:#4C5F8B }
```

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



Here you see how a box with a 4 pixel #4C5F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5F8B; -webkit-box-shadow:4px 4px  
4px 4px #4C5F8B; box-shadow:4px 4px 4px  
4px #4C5F8B }
```

Background

The CSS property to change the background color of an element to Hex 4C5F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5F8B }
```

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

```
.background{ background-color:#4C5F8B }
```

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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