

Converting Colors

Hex(4D5B8F)

Have a look what the booklet for
Hex(4D5B8F) contains.

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Color

Hex(4D5B8F)

Conversions

Conversions Part 1

Format	Color
Hex	4D5B8F
RGB	77, 91, 143
RGB Percent	30%, 36%, 56%
CMY	0.6980, 0.6431, 0.4392
CMYK	0.46, 0.36, 0.00, 0.44
HSL	227°, 30%, 43%
HSV	227°, 46%, 56%
XYZ	11.7596, 11.0431, 27.4983
YIQ	92.7420, -25.0360, 13.2040

Conversions

Conversions Part 2

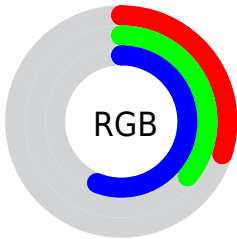
Format	Color
R_{YB}	77, 89, 143
Decimal	5069711
CIE _{Lab}	39.65, 9.26, -30.47
CIE _{LCh}	40, 31.842, 286.911
Yxy	11.0431, 0.2338, 0.2195
Android (android.graphics.Color)	4283259791 (0xFF4D5B8F)
YUV	92.7420, 24.7772, -13.8057
Hunter-Lab	33.2312, 5.0115, -25.7998

Details

The Hex color **4D5B8F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F814D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **818DC5**, and **182E5C** is the 20% darker color. If you saturate the color by 10%, you get **3F508F**, and if you desaturate by 10%, it is **5B668F**.

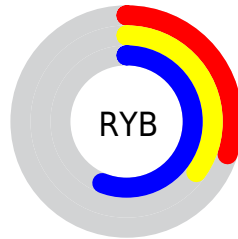
Distribution



Red (30%)

Green (36%)

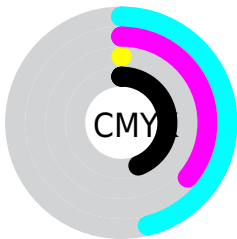
Blue (56%)



Red (30%)

Yellow (35%)

Blue (56%)

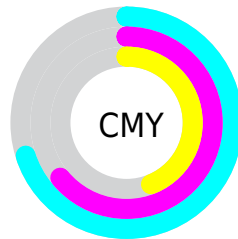


Cyan (46%)

Magenta (36%)

Yellow (0%)

Black (44%)



Cyan (70%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5B8F 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 4D5B8F by changing the saturation by 10% instead.

■ 4D5B8F

■ 4D5B8F

FFFFFF

■ 334475

■ 818DC5

■ 182E5C

■ 9CA7E1

■ 001944

■ B8C2FE

■ 00002E

■ D4DEFF

■ 000118

■ F1FBFF

■ 000000

■ 4D5B8F

■ 4D5B8F

■ 3F508F

■ 5B668F

■ 30448F

■ 6A728F

■ 22398F

■ 787D8F

■ 142E8F

■ 86888F

■ 05238F

■ 95938F

■ 001E8F

■ A39F8F

■ B1AA8F

■ BFB58F

■ CEC08F

Harmonies

Analogous

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



066390



4D5B8F



725181

Triad

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



4D5B8F



884F39



156A51

Complementary

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



4D5B8F



8F814D

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.



416739



4D5B8F



77582A

Square

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



4D5B8F



8F4850



5F612A



006B6C

Rectangle

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



4D5B8F



824B72



5F612A



286948

Sweetspot

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



4D5B8F



A0A6BA



4D8F81



4E525E



DEDEDE



5E5E5E

Same Dimension

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



4D5B8F



5469BA



604D8F



404247



001D87



000208

Inverse Universe

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



8F4D5B



BA5469



7C8F4D



474042



87001D



080002

Previews

White Background



This preview shows how the Hex color 4D5B8F looks on a white background.

Color Contrast Check

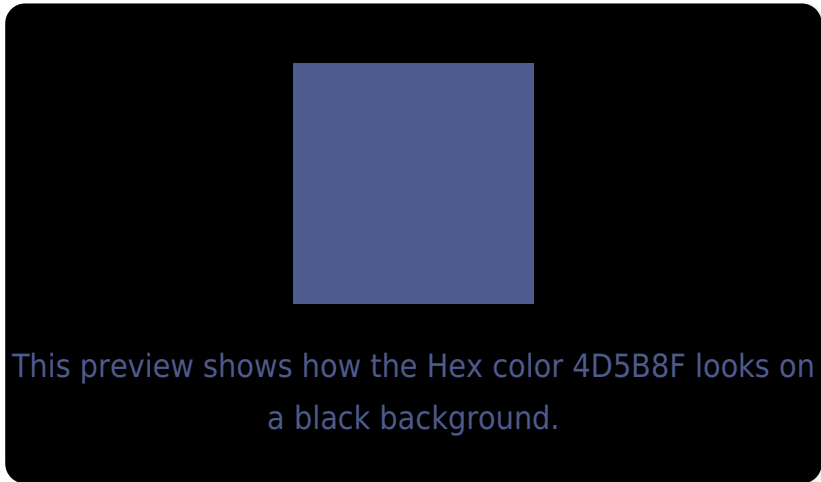
Large Text (above 18pt) WCAG AA ✓ Pass

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

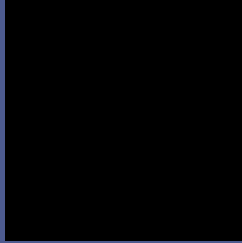
Any Text WCAG AA × Fail

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 4D5B8F Background



This preview shows how black text looks on a background with the Hex color 4D5B8F.

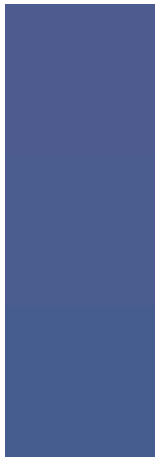


This preview shows how white text looks on a background with the Hex color 4D5B8F.

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
4D5B8F

Protanopia
4B5C8F

Deuteranopia
455D8F



Tritanopia
43626A

Trichromacy



Original Color
4D5B8F

Protanomaly
4C5C8F

Deuteranomaly
485C8F

Tritanomaly
475F77

Monochromacy



Original Color
4D5B8F

Achromatopsia
5D5D5D

Achromatomaly
575C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5B8F 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 #4D5B8F looks like.

```
.text, #text, p{  
    color:#4D5B8F  
}
```

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 #4D5B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5B8F
}
```

Border

The CSS property to change the border of an element to Hex 4D5B8F 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
#4D5B8F }
```

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

```
.border{ border-color:#4D5B8F }
```

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

Here you see how a box with a 4 pixel #4D5B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5B8F; -webkit-box-shadow:4px 4px  
4px 4px #4D5B8F; box-shadow:4px 4px 4px  
4px #4D5B8F }
```

Background

The CSS property to change the background color of an element to Hex 4D5B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5B8F }
```

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

```
.background{ background-color:#4D5B8F }
```

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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