

Converting Colors

Hex(4D6B8F)

Have a look what the booklet for
Hex(4D6B8F) contains.

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Color

Hex(4D6B8F)

Conversions

Conversions Part 1

Format	Color
Hex	4D6B8F
RGB	77, 107, 143
RGB Percent	30%, 42%, 56%
CMY	0.6980, 0.5804, 0.4392
CMYK	0.46, 0.25, 0.00, 0.44
HSL	213°, 30%, 43%
HSV	213°, 46%, 56%
XYZ	13.2762, 14.0763, 28.0039
YIQ	102.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

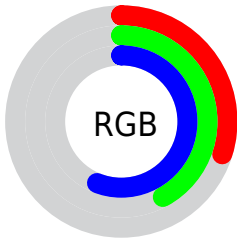
Format	Color
R_{YB}	77, 98, 143
Decimal	5073807
CIE Lab	44.34, -0.67, -23.15
CIE LCh	44, 23.160, 268.345
Yxy	14.0763, 0.2398, 0.2543
Android (android.graphics.Color)	4283263887 (0xFF4D6B8F)
YUV	102.1340, 20.1469, -22.0425
Hunter-Lab	37.5184, -2.4937, -17.9913

Details

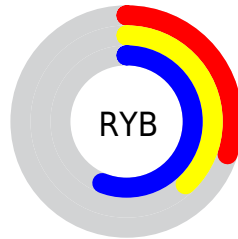
The Hex color **4D6B8F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F714D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **819EC5**, and **183C5D** is the 20% darker color. If you saturate the color by 10%, you get **3F638F**, and if you desaturate by 10%, it is **5B738F**.

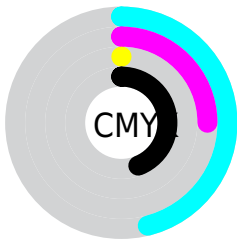
Distribution



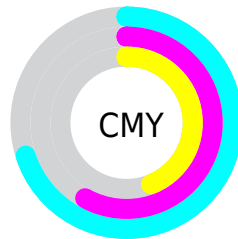
- Red (30%)
- Green (42%)
- Blue (56%)



- Red (30%)
- Yellow (38%)
- Blue (56%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6B8F 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 4D6B8F by changing the saturation by 10% instead.

■ 4D6B8F

■ 4D6B8F

FFFFFF

■ 335375

■ 819EC5

■ 183C5D

■ 9CB9E1

■ 002645

■ B8D5FE

■ 00122E

■ D4F1FF

■ 000119

■ F1FFFF

■ 000000

■ 4D6B8F

■ 4D6B8F

■ 3F638F

■ 5B738F

■ 305B8F

■ 6A7B8F

■ 22548F

■ 78828F

■ 144C8F

■ 868A8F

■ 05448F

■ 95928F

■ 00418F

■ A39A8F

■ B1A28F

■ BFA98F

■ CEB18F

Harmonies

Analogous

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



317089



4D6B8F



6A648B

Triad

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



4D6B8F



8F5C58



4C7154

Complementary

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



4D6B8F



8F714D

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.



636D46



4D6B8F



866149

Square

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



4D6B8F



8D5A6B



776742



367367

Rectangle

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



4D6B8F



7A6083



776742



54704F

Sweetspot

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



4D6B8F



A0ACBA



4D8F70



4E565E



DEDEDE



5E5E5E

Same Dimension

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



4D6B8F



5482BA



4F4D8F



404447



003D87



000308

Inverse Universe

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



8F4D6B



BA5482



8D8F4D



474044



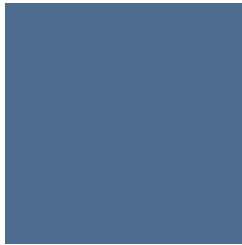
87003D



080003

Previews

White Background



This preview shows how the Hex color 4D6B8F looks on a white background.

Color Contrast Check

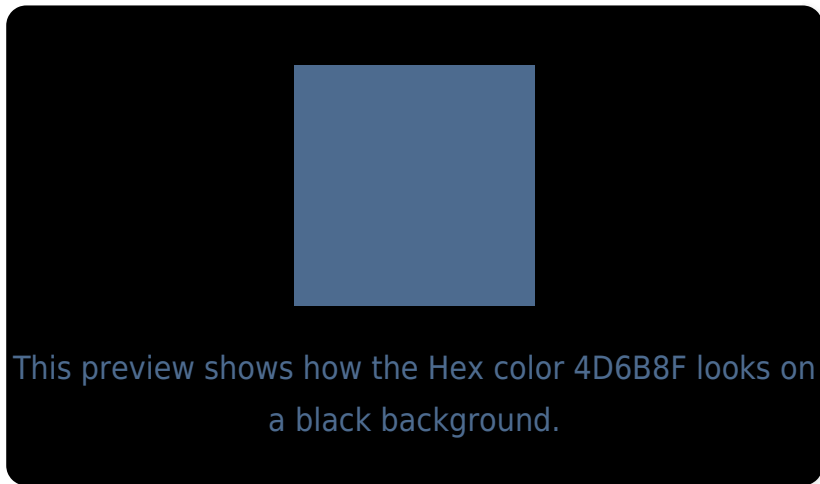
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D6B8F Background



This preview shows how black text looks on a background with the Hex color 4D6B8F.

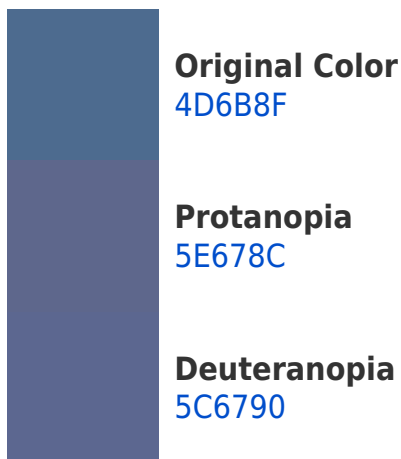



This preview shows how white text looks on a background with the Hex color 4D6B8F.

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
466F78

Trichromacy



Original Color
4D6B8F

Protanomaly
58688D

Deuteranomaly
576890

Tritanomaly
496E80

Monochromacy



Original Color
4D6B8F

Achromatopsia
666666

Achromatomaly
5D6875

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6B8F 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 #4D6B8F looks like.

```
.text, #text, p{  
    color:#4D6B8F  
}
```

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 #4D6B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6B8F
}
```

Border

The CSS property to change the border of an element to Hex 4D6B8F 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
#4D6B8F }
```

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

```
.border{ border-color:#4D6B8F }
```

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

Here you see how a box with a 4 pixel #4D6B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6B8F; -webkit-box-shadow:4px 4px  
4px 4px #4D6B8F; box-shadow:4px 4px 4px  
4px #4D6B8F }
```

Background

The CSS property to change the background color of an element to Hex 4D6B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6B8F }
```

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

```
.background{ background-color:#4D6B8F }
```

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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