

Converting Colors

Hex(4D6C98)

Have a look what the booklet for
Hex(4D6C98) contains.

Hex(4D6C98)	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(4D6C98)

Conversions

Conversions Part 1

Format	Color
Hex	4D6C98
RGB	77, 108, 152
RGB Percent	30%, 42%, 60%
CMY	0.6980, 0.5765, 0.4039
CMYK	0.49, 0.29, 0.00, 0.40
HSL	215°, 33%, 45%
HSV	215°, 49%, 60%
XYZ	14.0906, 14.5699, 31.7754
YIQ	103.7470, -32.6000, 7.1120

Conversions

Conversions Part 2

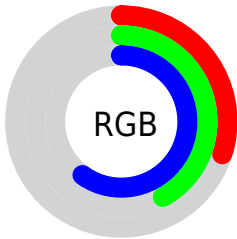
Format	Color
RYB	77, 99, 152
Decimal	5074072
CIELab	45.04, 1.53, -27.42
CIELCh	45, 27.462, 273.186
Yxy	14.5699, 0.2331, 0.2411
Android (android.graphics.Color)	4283264152 (0xFF4D6C98)
YUV	103.7470, 23.7887, -23.4571
Hunter-Lab	38.1705, -0.9053, -22.6371

Details

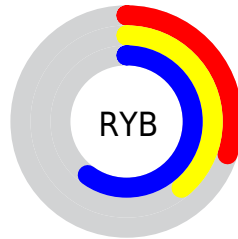
The Hex color **4D6C98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98794D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **829FCE**, and **153D65** is the 20% darker color. If you saturate the color by 10%, you get **3E6398**, and if you desaturate by 10%, it is **5C7598**.

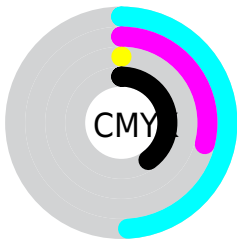
Distribution



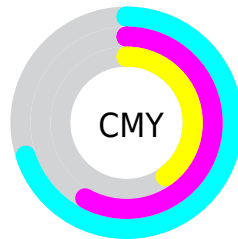
- Red (30%)
- Green (42%)
- Blue (60%)



- Red (30%)
- Yellow (39%)
- Blue (60%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6C98 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 4D6C98 by changing the saturation by 10% instead.

■ 4D6C98

■ 4D6C98

FFFFFF

■ 33547E

■ 829FCE

■ 153D65

■ 9DBAEB

■ 00274D

■ B9D6FF

■ 001336

■ D5F2FF

■ 000220

■ F2FFFF

■ 000004

■ 000000

■ 4D6C98

■ 4D6C98

■ 3E6398

■ 5C7598

■ 2F5A98

■ 6B7E98

■ 1F5198

■ 7B8798

■ 104898

■ 8A9098

■ 013F98

■ 999998

■ 003F98

■ A8A298

■ B7AA98

■ C7B398

■ D6BC98

Harmonies

Analogous

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



227293



4D6C98



706491

Triad

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



4D6C98



965B53



437555

Complementary

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



4D6C98



98794D

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.



5F7143



4D6C98



8A6242

Square

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



4D6C98



965969



776A3C



22776C

Rectangle

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



4D6C98



825E86



776A3C



4D744E

Sweetspot

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



4D6C98



A7B3C4



4D9879



525963



E3E3E3



636363

Same Dimension

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



4D6C98



5180C4



534D98



45484D



003A8C



00050D

Inverse Universe

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



984D6C



C45180



92984D



4D4548



8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 4D6C98 looks on a white background.

Color Contrast Check

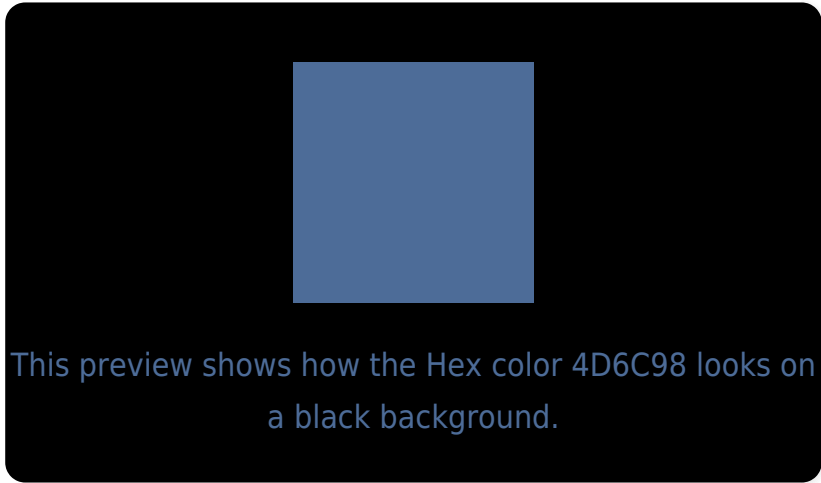
Large Text (above 18pt) WCAG AA ✓ Pass

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

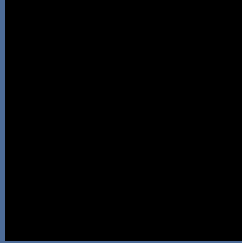
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

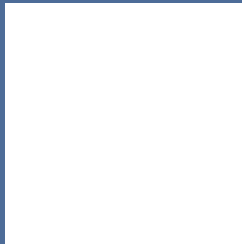
Any Text WCAG AAA × Fail

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

Hex 4D6C98 Background



This preview shows how black text looks on a background with the Hex color 4D6C98.

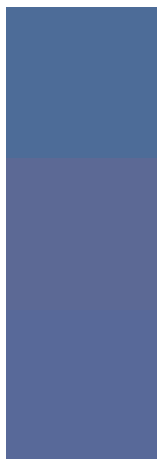


This preview shows how white text looks on a background with the Hex color 4D6C98.

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
4D6C98

Protanopia
5C6995

Deuteranopia
586999



Tritanopia
44727B

Trichromacy



Original Color
4D6C98

Protanomaly
576A96

Deuteranomaly
546A99

Tritanomaly
477086

Monochromacy



Original Color
4D6C98

Achromatopsia
686868

Achromatomaly
5E6979

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6C98 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 #4D6C98 looks like.

```
.text, #text, p{  
    color:#4D6C98  
}
```

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 #4D6C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6C98
}
```

Border

The CSS property to change the border of an element to Hex 4D6C98 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
#4D6C98 }
```

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

```
.border{ border-color:#4D6C98 }
```

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

Here you see how a box with a 4 pixel #4D6C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6C98; -webkit-box-shadow:4px 4px  
4px 4px #4D6C98; box-shadow:4px 4px 4px  
4px #4D6C98 }
```

Background

The CSS property to change the background color of an element to Hex 4D6C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6C98 }
```

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

```
.background{ background-color:#4D6C98 }
```

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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