

Converting Colors

Hex(4D6C9E)

Have a look what the booklet for
Hex(4D6C9E) contains.

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Color

Hex(4D6C9E)

Conversions

Conversions Part 1

Format	Color
Hex	4D6C9E
RGB	77, 108, 158
RGB Percent	30%, 42%, 62%
CMY	0.6980, 0.5765, 0.3804
CMYK	0.51, 0.32, 0.00, 0.38
HSL	217°, 34%, 46%
HSV	217°, 51%, 62%
XYZ	14.5947, 14.7715, 34.4297
YIQ	104.4310, -34.5260, 8.9780

Conversions

Conversions Part 2

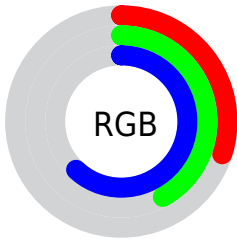
Format	Color
R_{YB}	77, 99, 158
Decimal	5074078
CIE Lab	45.32, 3.44, -30.53
CIE LCh	45, 30.725, 276.422
Yxy	14.7715, 0.2288, 0.2315
Android (android.graphics.Color)	4283264158 (0xFF4D6C9E)
YUV	104.4310, 26.4095, -24.0570
Hunter-Lab	38.4337, 0.5239, -26.2096

Details

The Hex color **4D6C9E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E7F4D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **839FD5**, and **133D6A** is the 20% darker color. If you saturate the color by 10%, you get **3D629E**, and if you desaturate by 10%, it is **5D769E**.

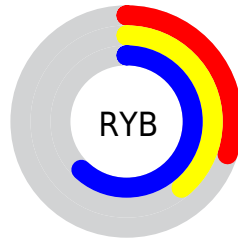
Distribution



Red (30%)

Green (42%)

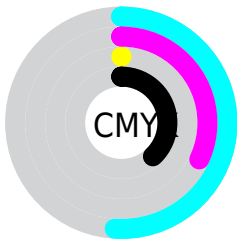
Blue (62%)



Red (30%)

Yellow (39%)

Blue (62%)

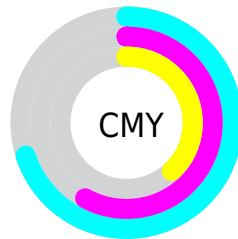


Cyan (51%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (70%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6C9E 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 4D6C9E by changing the saturation by 10% instead.

■ 4D6C9E

■ 4D6C9E

FFFFFF

■ 325484

■ 839FD5

■ 133D6A

■ 9EBAF1

■ 002852

■ BAD6FF

■ 00133A

■ D6F2FF

■ 000224

■ F3FFFF

■ 00000D

■ 000000

■ 4D6C9E

■ 4D6C9E

■ 3D629E

■ 5D769E

■ 2D589E

■ 6D809E

■ 1E4F9E

■ 7C899E

■ 0E459E

■ 8C939E

■ 003C9E

■ 9C9D9E

■ ACA79E

■ BCB09E

■ CBBA9E

■ DBC49E

Harmonies

Analogous

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



0E739A



4D6C9E



756295

Triad

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



4D6C9E



9A5A4E



3A7756

Complementary

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



4D6C9E



9E7F4D

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.



5B7341



4D6C9E



8C633D

Square

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



4D6C9E



9C5767



766C37



007970

Rectangle

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



4D6C9E



885C88



766C37



46764E

Sweetspot

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



4D6C9E



B0BBCF



4D9E7F



565D69



E8E8E8



696969

Same Dimension

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



4D6C9E



4E80CF



564D9E



474A4F



00378F



00060F

Inverse Universe

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



9E4D6C



CF4E7F



959E4D



4F474A



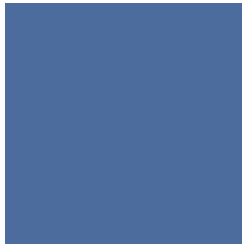
8F0037



0F0006

Previews

White Background



This preview shows how the Hex color 4D6C9E looks on a white background.

Color Contrast Check

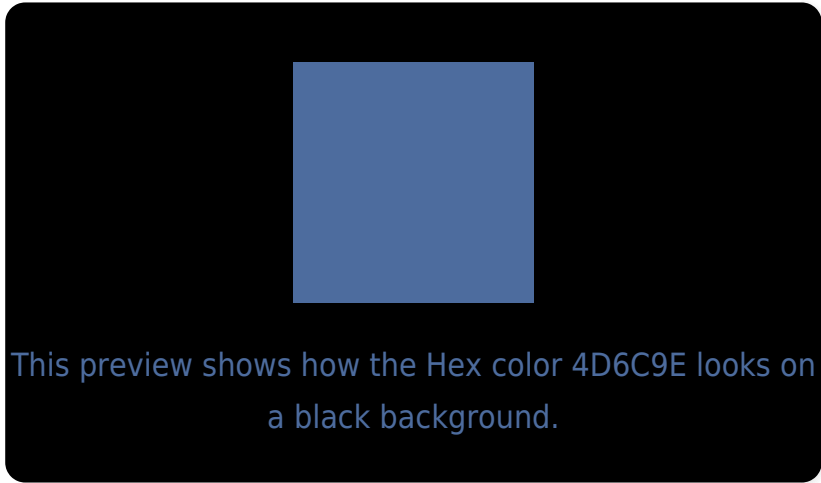
Large Text (above 18pt) WCAG AA ✓ Pass

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

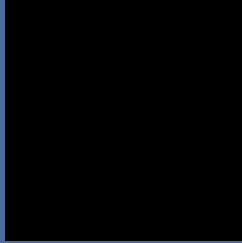
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

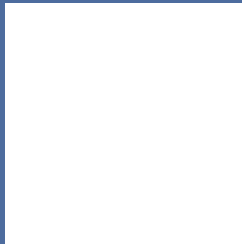
Any Text WCAG AAA × Fail

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

Hex 4D6C9E Background



This preview shows how black text looks on a background with the Hex color 4D6C9E.

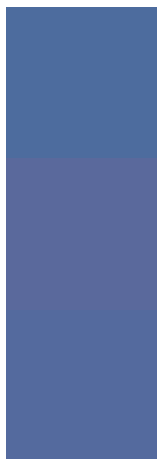


This preview shows how white text looks on a background with the Hex color 4D6C9E.

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
4D6C9E

Protanopia
5A699C

Deuteranopia
546A9E



Tritanopia
42737C

Trichromacy



Original Color
4D6C9E

Protanomaly
556A9D

Deuteranomaly
516B9E

Tritanomaly
467088

Monochromacy



Original Color
4D6C9E

Achromatopsia
686868

Achromatomaly
5E697C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6C9E 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 #4D6C9E looks like.

```
.text, #text, p{  
    color:#4D6C9E  
}
```

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 #4D6C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6C9E
}
```

Border

The CSS property to change the border of an element to Hex 4D6C9E 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
#4D6C9E }
```

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

```
.border{ border-color:#4D6C9E }
```

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

Here you see how a box with a 4 pixel #4D6C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6C9E; -webkit-box-shadow:4px 4px  
4px 4px #4D6C9E; box-shadow:4px 4px 4px  
4px #4D6C9E }
```

Background

The CSS property to change the background color of an element to Hex 4D6C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6C9E }
```

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

```
.background{ background-color:#4D6C9E }
```

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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