

Converting Colors

Hex(4D86A8)

Have a look what the booklet for
Hex(4D86A8) contains.

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Color

Hex(4D86A8)

Conversions

Conversions Part 1

Format	Color
Hex	4D86A8
RGB	77, 134, 168
RGB Percent	30%, 53%, 66%
CMY	0.6980, 0.4745, 0.3412
CMYK	0.54, 0.20, 0.00, 0.34
HSL	202°, 37%, 48%
HSV	202°, 54%, 66%
XYZ	18.6535, 21.4551, 40.2039
YIQ	120.8330, -44.8860, -1.5100

Conversions

Conversions Part 2

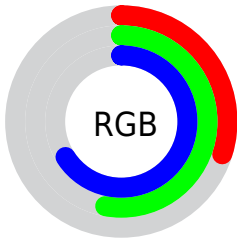
Format	Color
R_{YB}	77, 112, 168
Decimal	5080744
CIE _{Lab}	53.44, -8.76, -23.75
CIE _{LCh}	53, 25.316, 249.751
Yxy	21.4551, 0.2323, 0.2671
Android (android.graphics.Color)	4283270824 (0xFF4D86A8)
YUV	120.8330, 23.2533, -38.4415
Hunter-Lab	46.3197, -9.1751, -19.0379

Details

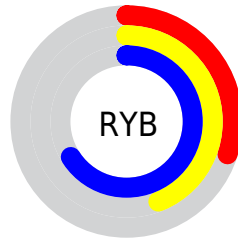
The Hex color **4D86A8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A86F4D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **84BBDF**, and **0B5474** is the 20% darker color. If you saturate the color by 10%, you get **3C80A8**, and if you desaturate by 10%, it is **5E8CA8**.

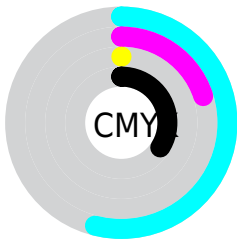
Distribution



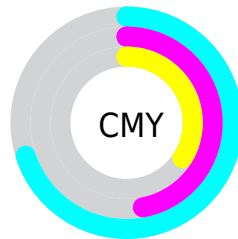
- Red (30%)
- Green (53%)
- Blue (66%)



- Red (30%)
- Yellow (44%)
- Blue (66%)



- Cyan (54%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (70%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D86A8 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 4D86A8 by changing the saturation by 10% instead.

■ 4D86A8

■ 4D86A8

FFFFFF

■ 306D8D

■ 84BBDF

■ 0B5474

■ A0D7FC

■ 003D5B

■ BCF3FF

■ 002843

■ D9FFFF

■ 00142D

■ F6FFFF

■ 000118

■ 000000

■ 4D86A8

■ 4D86A8

■ 3C80A8

■ 5E8CA8

■ 2B79A8

■ 6F93A8

■ 1B73A8

■ 7F99A8

■ 0A6DA8

■ 909FA8

■ 0069A8

■ A1A5A8

■ B2ACA8

■ C3B2A8

■ D3B8A8

■ E4BEA8

Harmonies

Analogous

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



388A9B



4D86A8



6D7FAA

Triad

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



4D86A8



AB6F79



70875E

Complementary

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



4D86A8



A86F4D

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.



888154



4D86A8



A87365

Square

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



4D86A8



A1718F



9C7957



568A70

Rectangle

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



4D86A8



827AA5



9C7957



788559

Sweetspot

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



4D86A8



B8CEDB



4DA86E



59666E



EDEDED



6E6E6E

Same Dimension

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



4D86A8



4DA6DB



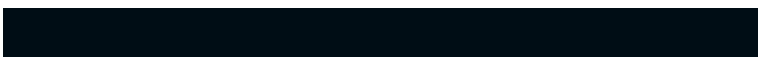
4D59A8



4C5154



005D94



000D14

Inverse Universe

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



A84D86



DB4DA6



A89C4D



544C51



94005D



14000D

Previews

White Background



This preview shows how the Hex color 4D86A8 looks on a white background.

Color Contrast Check

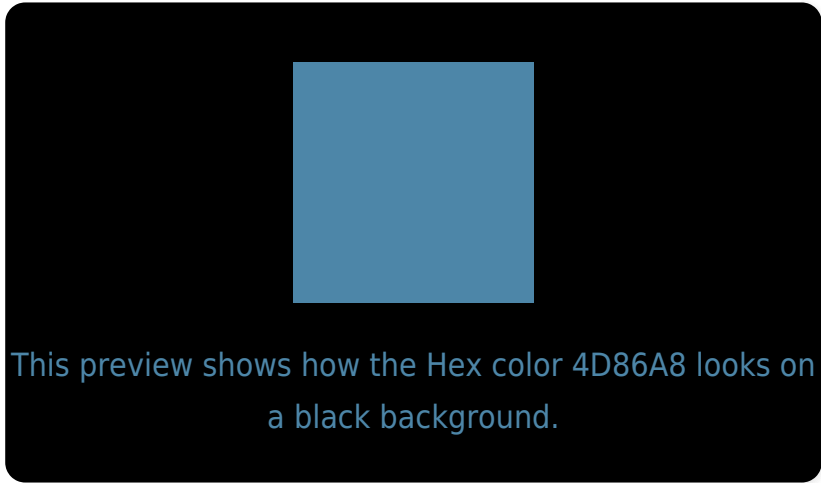
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

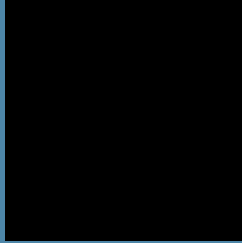
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

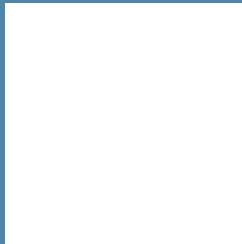
Any Text WCAG AAA × Fail

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

Hex 4D86A8 Background



This preview shows how black text looks on a background with the Hex color 4D86A8.

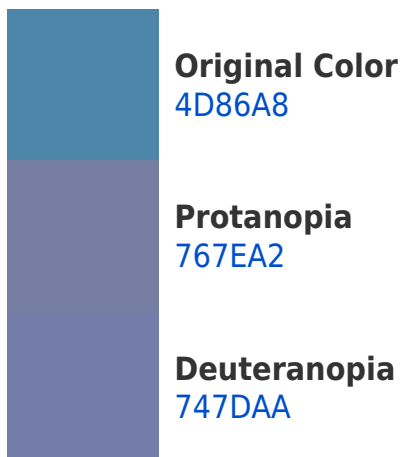


This preview shows how white text looks on a background with the Hex color 4D86A8.

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](#).

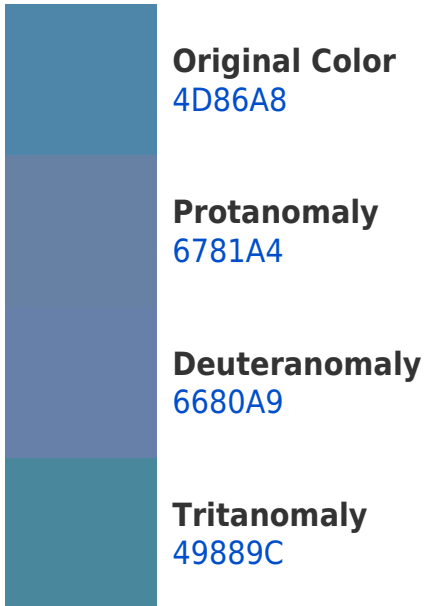
Dichromacy





Tritanopia
468995

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D86A8 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 #4D86A8 looks like.

```
.text, #text, p{  
    color:#4D86A8  
}
```

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 #4D86A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D86A8  
}
```

Border

The CSS property to change the border of an element to Hex 4D86A8 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  
#4D86A8 }
```

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

```
.border{ border-color:#4D86A8 }
```

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

Here you see how a box with a 4 pixel #4D86A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D86A8; -webkit-box-shadow:4px 4px  
4px 4px #4D86A8; box-shadow:4px 4px 4px  
4px #4D86A8 }
```

Background

The CSS property to change the background color of an element to Hex 4D86A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D86A8 }
```

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

```
.background{ background-color:#4D86A8 }
```

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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