

Converting Colors

Hex(4F8DA5)

Have a look what the booklet for
Hex(4F8DA5) contains.

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Color

Hex(4F8DA5)

Conversions

Conversions Part 1

Format	Color
Hex	4F8DA5
RGB	79, 141, 165
RGB Percent	31%, 55%, 65%
CMY	0.6902, 0.4471, 0.3529
CMYK	0.52, 0.15, 0.00, 0.35
HSL	197°, 35%, 48%
HSV	197°, 52%, 65%
XYZ	19.5409, 23.4286, 39.0896
YIQ	125.1980, -44.6560, -5.6800

Conversions

Conversions Part 2

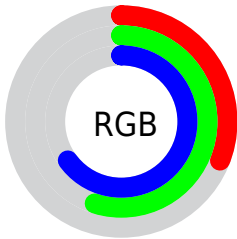
Format	Color
RYB	79, 115, 165
Decimal	5213605
CIELab	55.51, -13.14, -18.85
CIELCh	56, 22.975, 235.128
Yxy	23.4286, 0.2381, 0.2855
Android (android.graphics.Color)	4283403685 (0xFF4F8DA5)
YUV	125.1980, 19.6224, -40.5156
Hunter-Lab	48.4031, -12.6431, -13.9994

Details

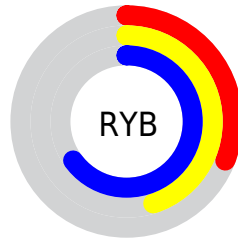
The Hex color **4F8DA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A5674F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **86C3DC**, and **105B71** is the 20% darker color. If you saturate the color by 10%, you get **3E88A5**, and if you desaturate by 10%, it is **5F92A5**.

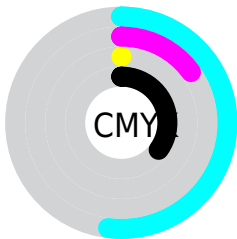
Distribution



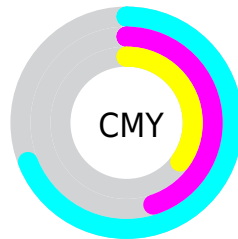
- Red (31%)
- Green (55%)
- Blue (65%)



- Red (31%)
- Yellow (45%)
- Blue (65%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F8DA5 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 4F8DA5 by changing the saturation by 10% instead.

4F8DA5

4F8DA5

FFFFFF

33738B

86C3DC

105B71

A2DFF9

004359

BEFBFF

002D41

DBFFFF

00192B

F8FFFF

000116

000000

4F8DA5

4F8DA5

3E88A5

5F92A5

■ 2E84A5

■ 7096A5

■ 1D7FA5

■ 819BA5

■ 0D7BA5

■ 919FA5

■ 0077A5

■ A1A4A5

■ B2A9A5

■ C2ADA5

■ D3B2A5

■ E3B6A5

Harmonies

Analogous

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



489095



4F8DA5



6788AC

Triad

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



4F8DA5



AA7789



828961

Complementary

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



4F8DA5



A5674F

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.



96835D



4F8DA5



AD7775

Square

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



4F8DA5



9B7A9C



A67C65



6B8E6E

Rectangle

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



4F8DA5



7A83AB



A67C65



89875E

Sweetspot

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



4F8DA5



B4CDD6



4FA566



57656B



EBEBEB



6B6B6B

Same Dimension

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



4F8DA5



4FB1D6



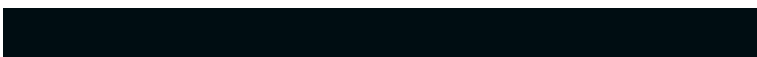
4F63A5



494F52



006991



000D12

Inverse Universe

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



A54F8D



D64FB1



A5914F



52494F



910069



12000D

Previews

White Background



This preview shows how the Hex color 4F8DA5 looks on a white background.

Color Contrast Check

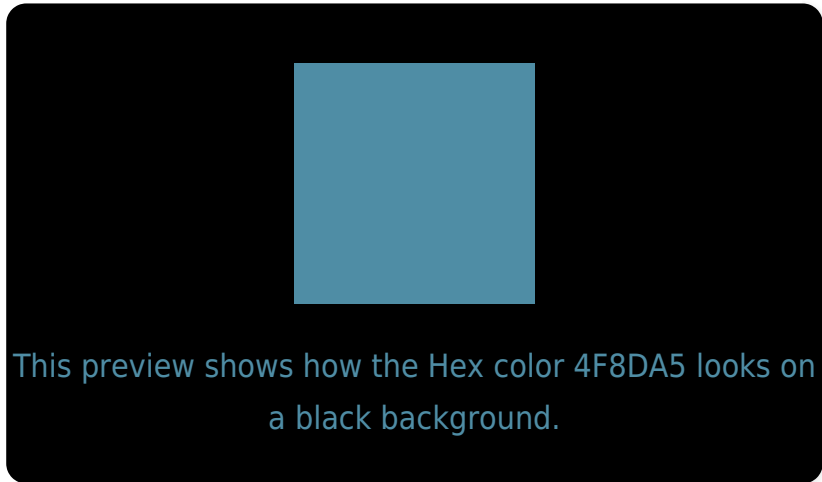
Large Text (above 18pt) WCAG AA ✓ Pass

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

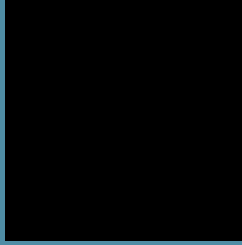
Any Text WCAG AA ✓ Pass

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 4F8DA5 Background



This preview shows how black text looks on a background with the Hex color 4F8DA5.



This preview shows how white text looks on a background with the Hex color 4F8DA5.

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](#).

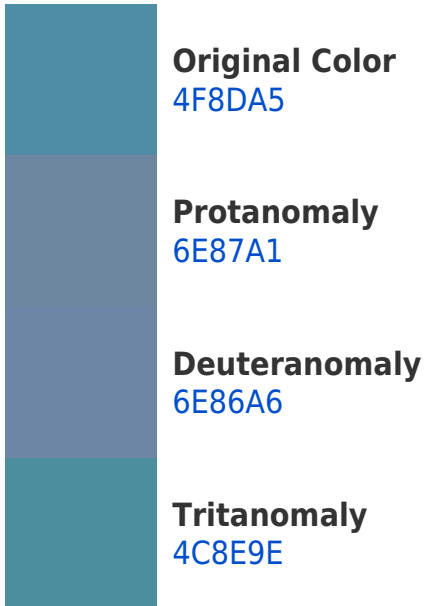
Dichromacy



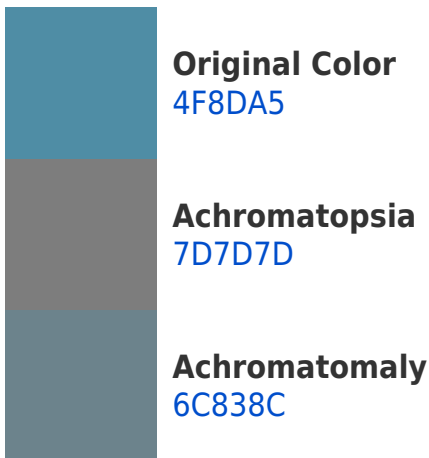


Tritanopia
4B8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F8DA5 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 #4F8DA5 looks like.

```
.text, #text, p{  
    color:#4F8DA5  
}
```

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 #4F8DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8DA5  
}
```

Border

The CSS property to change the border of an element to Hex 4F8DA5 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  
#4F8DA5 }
```

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

```
.border{ border-color:#4F8DA5 }
```

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

Here you see how a box with a 4 pixel #4F8DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8DA5; -webkit-box-shadow:4px 4px  
4px 4px #4F8DA5; box-shadow:4px 4px 4px  
4px #4F8DA5 }
```

Background

The CSS property to change the background color of an element to Hex 4F8DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8DA5 }
```

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

```
.background{ background-color:#4F8DA5 }
```

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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