

Converting Colors

Hex(5A78A5)

Have a look what the booklet for
Hex(5A78A5) contains.

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Color

Hex(5A78A5)

Conversions

Conversions Part 1

Format	Color
Hex	5A78A5
RGB	90, 120, 165
RGB Percent	35%, 47%, 65%
CMY	0.6471, 0.5294, 0.3529
CMYK	0.45, 0.27, 0.00, 0.35
HSL	216°, 29%, 50%
HSV	216°, 45%, 65%
XYZ	17.7245, 18.3232, 38.1999
YIQ	116.1600, -32.3250, 7.6350

Conversions

Conversions Part 2

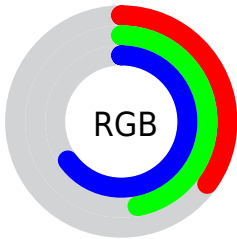
Format	Color
R_{YB}	90, 111, 165
Decimal	5929125
CIE Lab	49.89, 1.67, -27.46
CIE LCh	50, 27.512, 273.477
Yxy	18.3232, 0.2387, 0.2468
Android (android.graphics.Color)	4284119205 (0xFF5A78A5)
YUV	116.1600, 24.0781, -22.9423
Hunter-Lab	42.8056, -0.9986, -22.9466

Details

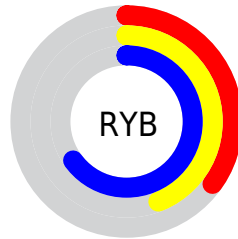
The Hex color **5A78A5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A5875A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8FACDC**, and **254871** is the 20% darker color. If you saturate the color by 10%, you get **4A6EA5**, and if you desaturate by 10%, it is **6A82A5**.

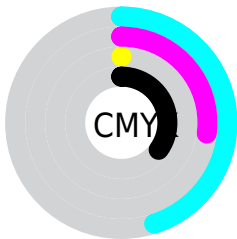
Distribution



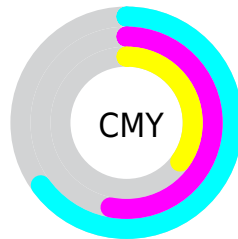
- Red (35%)
- Green (47%)
- Blue (65%)



- Red (35%)
- Yellow (44%)
- Blue (65%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A78A5 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 5A78A5 by changing the saturation by 10% instead.

■ 5A78A5

■ 5A78A5

FFFFFF

■ 405F8B

■ 8FACDC

■ 254871

■ ABC7F9

■ 013258

■ C7E3FF

■ 001D41

■ E4FFFF

■ 00022B

■ 000115

■ 000000

■ 5A78A5

■ 5A78A5

■ 4A6EA5

■ 6A82A5

■ 3964A5

■ 7B8CA5

■ 295AA5

■ 8B96A5

■ 1850A5

■ 9CA0A5

■ 0747A5

■ ACAA5

■ 0042A5

■ BDB3A5

■ CEBDA5

■ DEC7A5

■ EED1A5

Harmonies

Analogous

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



337FA0



5A78A5



7D709E

Triad

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



5A78A5



A3675E



4F8161

Complementary

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



5A78A5



A5875A

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.



6B7D4F



5A78A5



976E4D

Square

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



5A78A5



A36575



847648



318379

Rectangle

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



5A78A5



8F6A93



847648



58805A

Sweetspot

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



5A78A5



B8C4D6



5AA587



59606B



EBEBEB



6B6B6B

Same Dimension

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



5A78A5



6090D6



615AA5



494D52



003A91



000712

Inverse Universe

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



A55A78



D66090



9DA55A



52494D



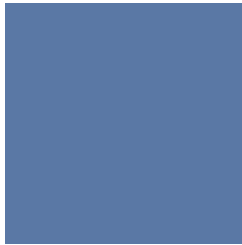
91003A



120007

Previews

White Background



This preview shows how the Hex color 5A78A5 looks on a white background.

Color Contrast Check

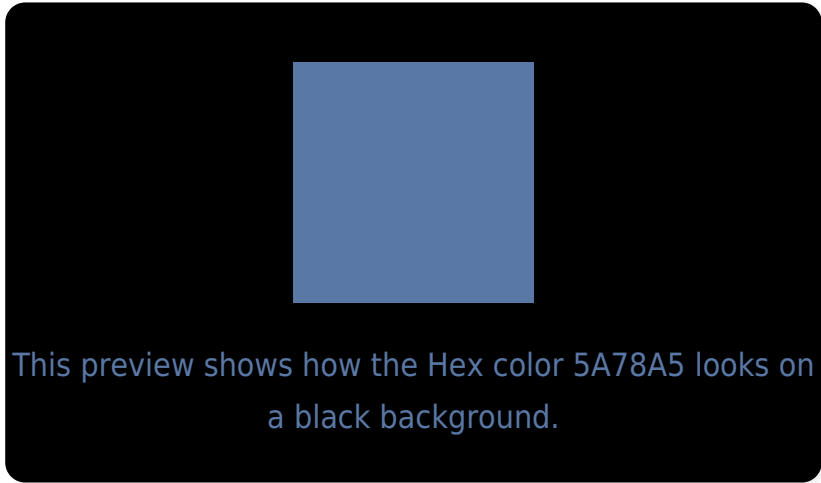
Large Text (above 18pt) WCAG AA ✓ Pass

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

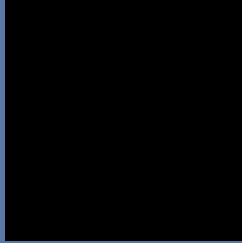
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

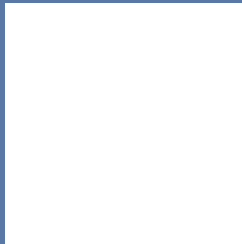
Any Text WCAG AAA × Fail

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

Hex 5A78A5 Background



This preview shows how black text looks on a background with the Hex color 5A78A5.

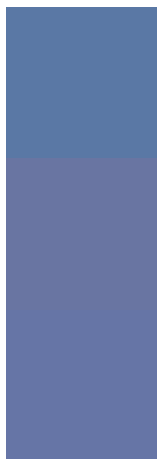


This preview shows how white text looks on a background with the Hex color 5A78A5.

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
5A78A5

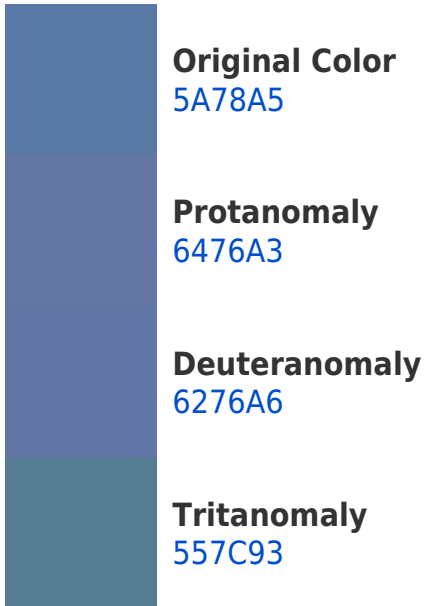
Protanopia
6975A2

Deuteranopia
6675A6



Tritanopia
527E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A78A5 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 #5A78A5 looks like.

```
.text, #text, p{  
    color:#5A78A5  
}
```

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 #5A78A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A78A5  
}
```

Border

The CSS property to change the border of an element to Hex 5A78A5 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  
#5A78A5 }
```

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

```
.border{ border-color:#5A78A5 }
```

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

Here you see how a box with a 4 pixel #5A78A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A78A5; -webkit-box-shadow:4px 4px  
4px 4px #5A78A5; box-shadow:4px 4px 4px  
4px #5A78A5 }
```

Background

The CSS property to change the background color of an element to Hex 5A78A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A78A5 }
```

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

```
.background{ background-color:#5A78A5 }
```

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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