

Converting Colors

Hex(5B87AC)

Have a look what the booklet for
Hex(5B87AC) contains.

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Color

Hex(5B87AC)

Conversions

Conversions Part 1

Format	Color
Hex	5B87AC
RGB	91, 135, 172
RGB Percent	36%, 53%, 67%
CMY	0.6431, 0.4706, 0.3255
CMYK	0.47, 0.22, 0.00, 0.33
HSL	207°, 33%, 52%
HSV	207°, 47%, 67%
XYZ	20.4248, 22.5306, 42.3021
YIQ	126.0620, -38.1010, 2.1790

Conversions

Conversions Part 2

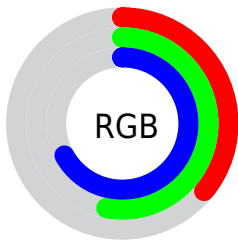
Format	Color
R_{YB}	91, 120, 172
Decimal	5998508
CIE _{Lab}	54.59, -4.76, -24.24
CIE _{LCh}	55, 24.701, 258.884
Yxy	22.5306, 0.2396, 0.2643
Android (android.graphics.Color)	4284188588 (0xFF5B87AC)
YUV	126.0620, 22.6474, -30.7494
Hunter-Lab	47.4665, -6.2580, -19.6127

Details

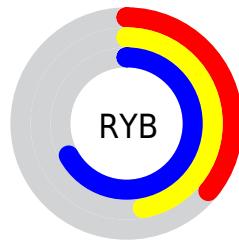
The Hex color **5B87AC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AC805B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **91BCE4**, and **245578** is the 20% darker color. If you saturate the color by 10%, you get **4A7FAC**, and if you desaturate by 10%, it is **6C8FAC**.

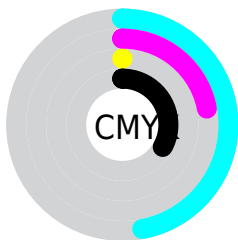
Distribution



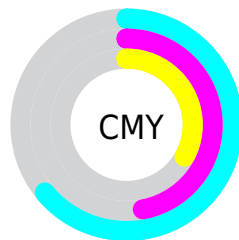
- Red (36%)
- Green (53%)
- Blue (67%)



- Red (36%)
- Yellow (47%)
- Blue (67%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B87AC 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 5B87AC by changing the saturation by 10% instead.

■ 5B87AC

■ 5B87AC

FFFFFF

■ 406E91

■ 91BCE4

■ 245578

■ ADD8FF

■ 003E5F

■ C9F4FF

■ 002947

■ E6FFFF

■ 001430

■ 00011B

■ 000000

■ 5B87AC

■ 5B87AC

■ 4A7FAC

■ 6C8FAC

■ 3977AC

■ 7D97AC

■ 276FAC

■ 8F9FAC

■ 1668AC

■ A0A6AC

■ 0560AC

■ B1AEAC

■ 005DAC

■ C2B6AC

■ D3BEAC

■ E5C6AC

■ F6CEAC

Harmonies

Analogous

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



428CA2



5B87AC



7B80AB

Triad

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



5B87AC



AD7376



6B8B66

Complementary

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



5B87AC



AC805B

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.



84855A



5B87AC



A87863

Square

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



5B87AC



A8738B



997F59



538E7A

Rectangle

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



5B87AC



8E7BA4



997F59



748961

Sweetspot

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



5B87AC



C1D2E0



5BAC7F



5D6770



F0F0F0



707070

Same Dimension

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



5B87AC



60A6E0



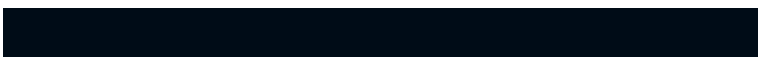
5B5FAC



4E5357



005296



000C17

Inverse Universe

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



AC5B87



E060A6



ACA85B



574E53



960052



17000C

Previews

White Background



This preview shows how the Hex color 5B87AC looks on a white background.

Color Contrast Check

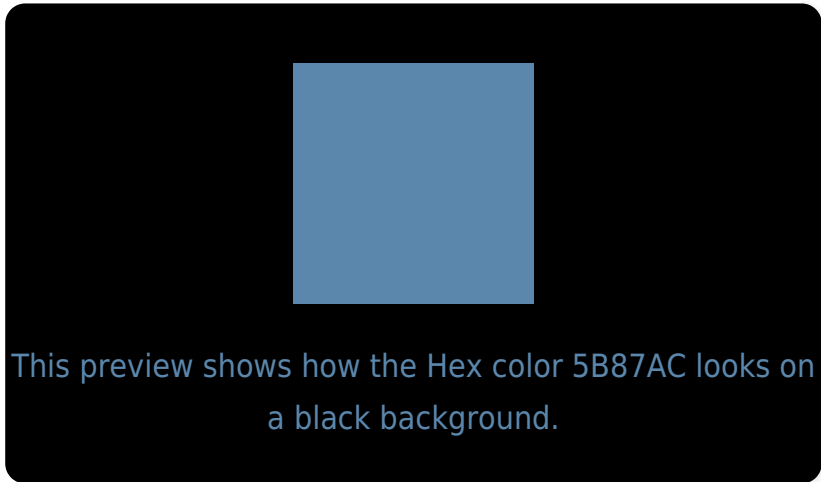
Large Text (above 18pt) WCAG AA ✓ Pass

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

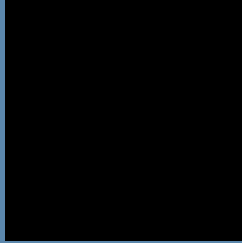
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

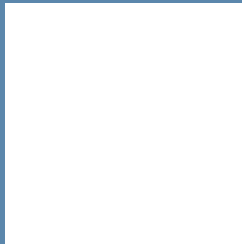
Any Text WCAG AAA × Fail

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

Hex 5B87AC Background



This preview shows how black text looks on a background with the Hex color 5B87AC.

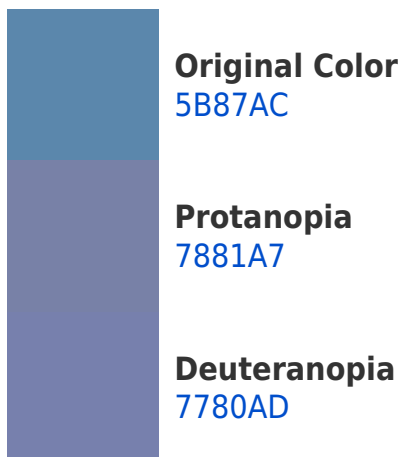


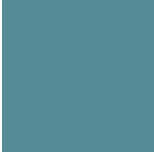
This preview shows how white text looks on a background with the Hex color 5B87AC.

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](#).

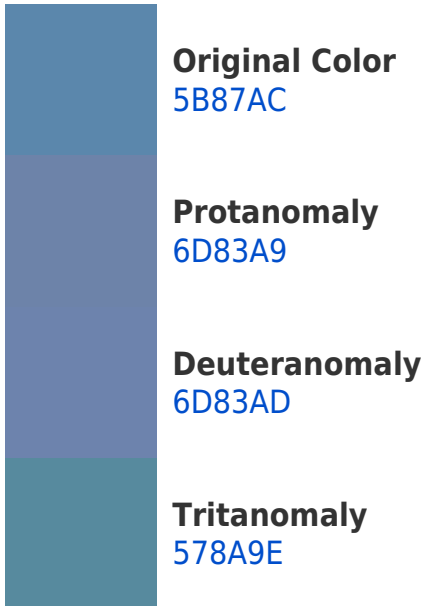
Dichromacy



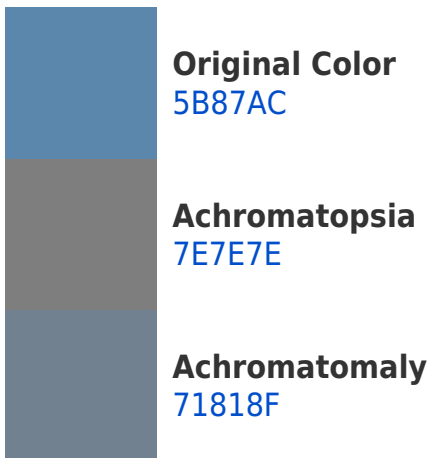


Tritanopia
548B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B87AC 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 #5B87AC looks like.

```
.text, #text, p{  
    color:#5B87AC  
}
```

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 #5B87AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B87AC
}
```

Border

The CSS property to change the border of an element to Hex 5B87AC 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
#5B87AC }
```

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

```
.border{ border-color:#5B87AC }
```

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

Here you see how a box with a 4 pixel #5B87AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B87AC; -webkit-box-shadow:4px 4px  
4px 4px #5B87AC; box-shadow:4px 4px 4px  
4px #5B87AC }
```

Background

The CSS property to change the background color of an element to Hex 5B87AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B87AC }
```

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

```
.background{ background-color:#5B87AC }
```

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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