

Converting Colors

Hex(5A87B1)

Have a look what the booklet for
Hex(5A87B1) contains.

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Color

Hex(5A87B1)

Conversions

Conversions Part 1

Format	Color
Hex	5A87B1
RGB	90, 135, 177
RGB Percent	35%, 53%, 69%
CMY	0.6471, 0.4706, 0.3059
CMYK	0.49, 0.24, 0.00, 0.31
HSL	209°, 36%, 52%
HSV	209°, 49%, 69%
XYZ	20.8162, 22.6759, 44.8747
YIQ	126.3330, -40.3020, 3.5220

Conversions

Conversions Part 2

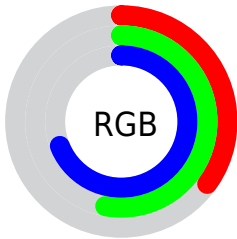
Format	Color
R_{YB}	90, 120, 177
Decimal	5932977
CIE _{Lab}	54.74, -3.51, -26.88
CIE _{LCh}	55, 27.105, 262.552
Yxy	22.6759, 0.2356, 0.2566
Android (android.graphics.Color)	4284123057 (0xFF5A87B1)
YUV	126.3330, 24.9788, -31.8640
Hunter-Lab	47.6193, -5.3044, -22.5394

Details

The Hex color **5A87B1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B1845A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **90BCE9**, and **21567C** is the 20% darker color. If you saturate the color by 10%, you get **487EB1**, and if you desaturate by 10%, it is **6C90B1**.

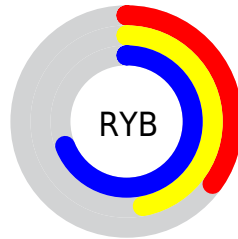
Distribution



Red (35%)

Green (53%)

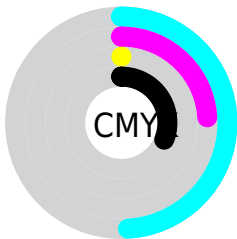
Blue (69%)



Red (35%)

Yellow (47%)

Blue (69%)

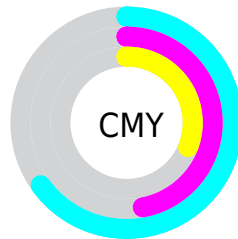


Cyan (49%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (65%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A87B1 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 5A87B1 by changing the saturation by 10% instead.

■ 5A87B1

■ 5A87B1

FFFFFF

■ 3F6E96

■ 90BCE9

■ 21567C

■ ACD8FF

■ 003E63

■ C9F4FF

■ 00294B

■ E6FFFF

■ 001434

■ 00021F

■ 000001

■ 000000

■ 5A87B1

■ 5A87B1

■ 487EB1

■ 6C90B1

■ 3776B1

■ 7D98B1

■ 256DB1

■ 8FA1B1

■ 1365B1

■ A1A9B1

■ 015CB1

■ B3B2B1

■ 005CB1

■ C4BAB1

■ D6C3B1

■ E8CBB1

■ F9D4B1

Harmonies

Analogous

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



3A8DA7



5A87B1



7E7FAE

Triad

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



5A87B1



B17272



668D66

Complementary

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



5A87B1



B1845A

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.



818757



5A87B1



AA785F

Square

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



5A87B1



AD728A



988055



4A8F7C

Rectangle

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



5A87B1



9279A6



988055



6F8B60

Sweetspot

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



5A87B1



C3D5E6



5AB183



5E6973



F2F2F2



737373

Same Dimension

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



5A87B1



5EA4E6



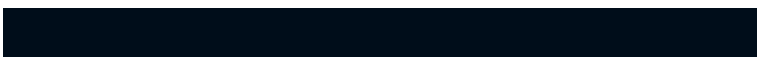
5A5DB1



505559



004F99



000D1A

Inverse Universe

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



B15A87



E65EA4



B1AE5A



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color 5A87B1 looks on a white background.

Color Contrast Check

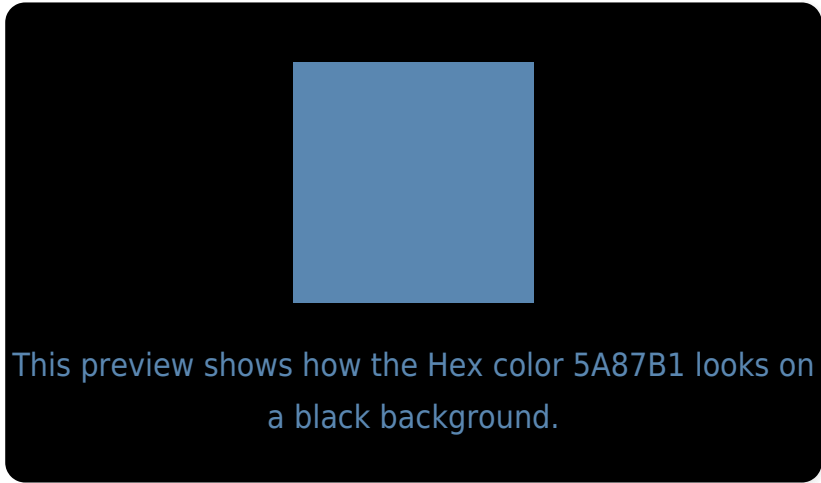
Large Text (above 18pt) WCAG AA ✓ Pass

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

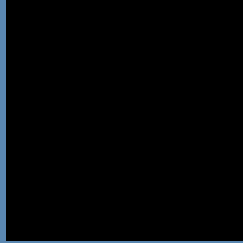
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

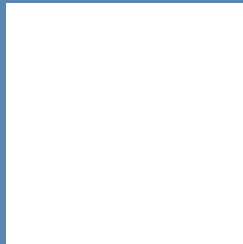
Any Text WCAG AAA × Fail

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

Hex 5A87B1 Background



This preview shows how black text looks on a background with the Hex color 5A87B1.

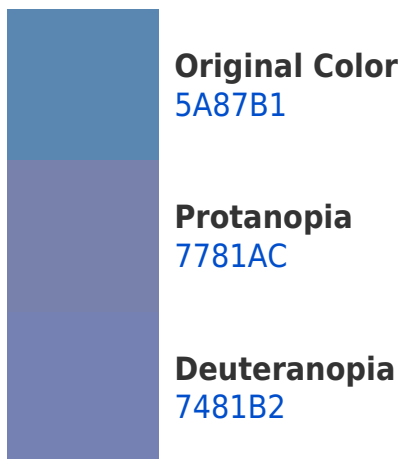


This preview shows how white text looks on a background with the Hex color 5A87B1.

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](#).

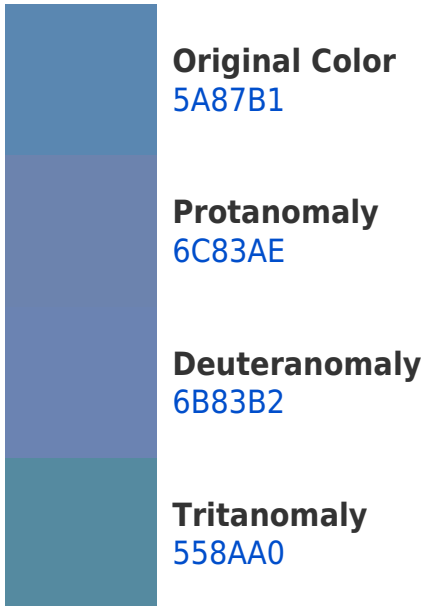
Dichromacy





Tritanopia
528C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A87B1 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 #5A87B1 looks like.

```
.text, #text, p{  
    color:#5A87B1  
}
```

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 #5A87B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A87B1
}
```

Border

The CSS property to change the border of an element to Hex 5A87B1 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
#5A87B1 }
```

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

```
.border{ border-color:#5A87B1 }
```

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

Here you see how a box with a 4 pixel #5A87B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A87B1; -webkit-box-shadow:4px 4px  
4px 4px #5A87B1; box-shadow:4px 4px 4px  
4px #5A87B1 }
```

Background

The CSS property to change the background color of an element to Hex 5A87B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A87B1 }
```

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

```
.background{ background-color:#5A87B1 }
```

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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