

Converting Colors

Hex(5A69B1)

Have a look what the booklet for
Hex(5A69B1) contains.

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Color

Hex(5A69B1)

Conversions

Conversions Part 1

Format	Color
Hex	5A69B1
RGB	90, 105, 177
RGB Percent	35%, 41%, 69%
CMY	0.6471, 0.5882, 0.3059
CMYK	0.49, 0.41, 0.00, 0.31
HSL	230°, 36%, 52%
HSV	230°, 49%, 69%
XYZ	17.2038, 15.4511, 43.6706
YIQ	108.7230, -32.0520, 19.2120

Conversions

Conversions Part 2

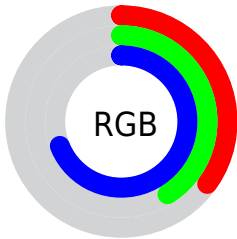
Format	Color
R_{YB}	90, 103, 177
Decimal	5925297
CIE _{Lab}	46.25, 14.53, -40.17
CIE _{LCh}	46, 42.721, 289.888
Yxy	15.4511, 0.2254, 0.2024
Android (android.graphics.Color)	4284115377 (0xFF5A69B1)
YUV	108.7230, 33.6606, -16.4201
Hunter-Lab	39.3079, 9.3349, -38.3549

Details

The Hex color **5A69B1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1A25A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **919CE9**, and **213A7C** is the 20% darker color. If you saturate the color by 10%, you get **485AB1**, and if you desaturate by 10%, it is **6C78B1**.

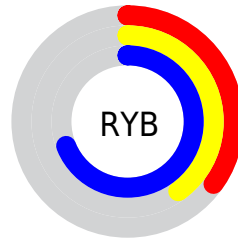
Distribution



Red (35%)

Green (41%)

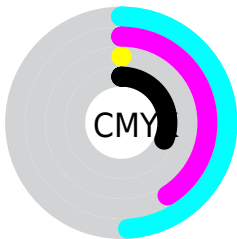
Blue (69%)



Red (35%)

Yellow (40%)

Blue (69%)

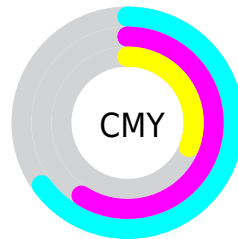


Cyan (49%)

Magenta (41%)

Yellow (0%)

Black (31%)



Cyan (65%)

Magenta (59%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A69B1 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 5A69B1 by changing the saturation by 10% instead.

■ 5A69B1

■ 5A69B1

FFFFFF

■ 3F5196

■ 919CE9

■ 213A7C

■ ADB7FF

■ 002563

■ C9D2FF

■ 00114A

■ E6EFFF

■ 000433

■ 00021D

■ 000000

■ 5A69B1

■ 5A69B1

■ 485AB1

■ 6C78B1

■ 374CB1

■ 7D86B1

■ 253DB1

■ 8F95B1

■ 132EB1

■ A1A4B1

■ 0120B1

■ B3B2B1

■ 001FB1

■ C4C1B1

■ D6D0B1

■ E8DEB1

■ F9EDB1

Harmonies

Analogous

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



0075B4



5A69B1



8D5A9C

Triad

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



5A69B1



A45A38



007E60

Complementary

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



5A69B1



B1A25A

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.



3F7A3D



5A69B1



8C6724

Square

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



5A69B1



B04F57



6A7326



007F85

Rectangle

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



5A69B1



A25287



6A7326



047D54

Sweetspot

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



5A69B1



C3C9E6



5AB1A1



5E6273



F2F2F2



737373

Same Dimension

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



5A69B1



5E75E6



765AB1



505259



001A99



00041A

Inverse Universe

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



B15A69



E65E75



95B15A



595052



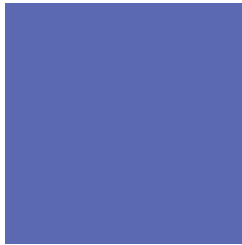
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 5A69B1 looks on a white background.

Color Contrast Check

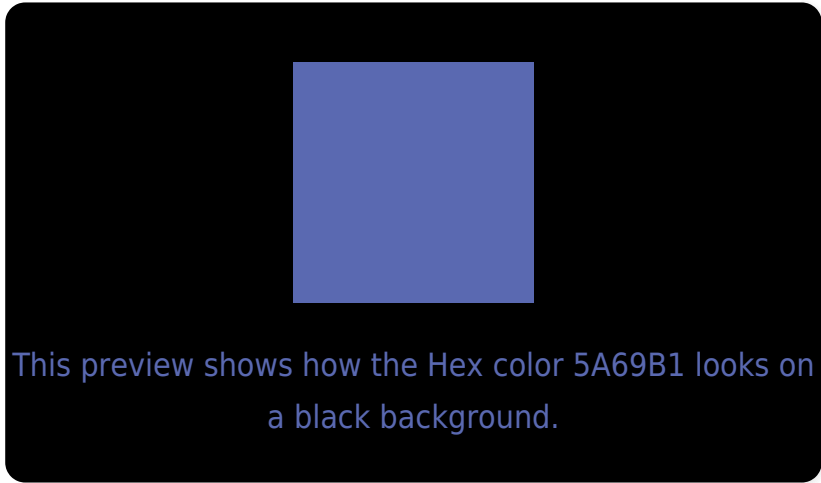
Large Text (above 18pt) WCAG AA ✓ Pass

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

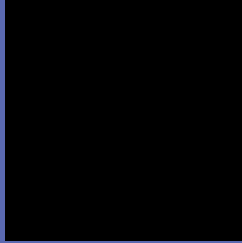
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5A69B1 Background



This preview shows how black text looks on a background with the Hex color 5A69B1.

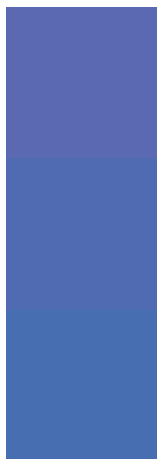


This preview shows how white text looks on a background with the Hex color 5A69B1.

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
5A69B1

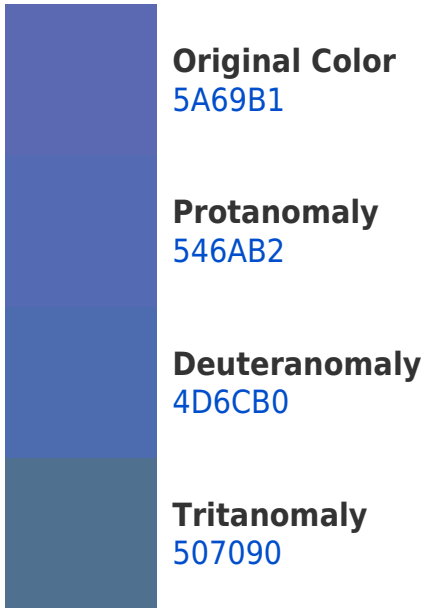
Protanopia
516BB3

Deuteranopia
466EB0



Tritanopia
4A747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A69B1 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 #5A69B1 looks like.

```
.text, #text, p{  
    color:#5A69B1  
}
```

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 #5A69B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A69B1
}
```

Border

The CSS property to change the border of an element to Hex 5A69B1 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
#5A69B1 }
```

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

```
.border{ border-color:#5A69B1 }
```

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

Here you see how a box with a 4 pixel #5A69B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A69B1; -webkit-box-shadow:4px 4px  
4px 4px #5A69B1; box-shadow:4px 4px 4px  
4px #5A69B1 }
```

Background

The CSS property to change the background color of an element to Hex 5A69B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A69B1 }
```

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

```
.background{ background-color:#5A69B1 }
```

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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