

Converting Colors

Hex(5B4DA2)

Have a look what the booklet for
Hex(5B4DA2) contains.

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Color

Hex(5B4DA2)

Conversions

Conversions Part 1

Format	Color
Hex	5B4DA2
RGB	91, 77, 162
RGB Percent	36%, 30%, 64%
CMY	0.6431, 0.6980, 0.3647
CMYK	0.44, 0.52, 0.00, 0.36
HSL	250°, 36%, 47%
HSV	250°, 52%, 64%
XYZ	13.4898, 10.1405, 35.4287
YIQ	90.8760, -18.9410, 29.4030

Conversions

Conversions Part 2

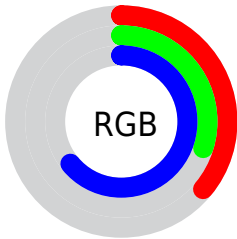
Format	Color
R_{YB}	91, 77, 162
Decimal	5983650
CIE _{Lab}	38.09, 27.65, -44.30
CIE _{LCh}	38, 52.217, 301.972
Yxy	10.1405, 0.2284, 0.1717
Android (android.graphics.Color)	4284173730 (0xFF5B4DA2)
YUV	90.8760, 35.0641, 0.1087
Hunter-Lab	31.8442, 19.8888, -43.6730

Details

The Hex color **5B4DA2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **94A24D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **917ED9**, and **24206E** is the 20% darker color. If you saturate the color by 10%, you get **4D3DA2**, and if you desaturate by 10%, it is **695DA2**.

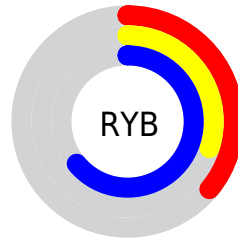
Distribution



Red (36%)

Green (30%)

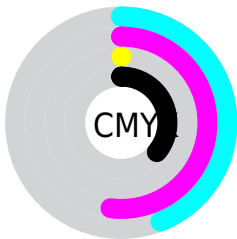
Blue (64%)



Red (36%)

Yellow (30%)

Blue (64%)

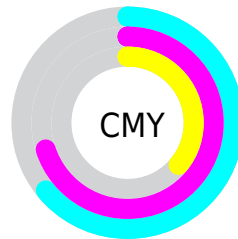


Cyan (44%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4DA2 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 5B4DA2 by changing the saturation by 10% instead.

■ 5B4DA2

■ 5B4DA2

FFFFFF

■ 403687

■ 917ED9

■ 24206E

■ AD98F6

■ 000C55

■ C9B3FF

■ 00003D

■ E6CFFF

■ 000326

■ FFE8FF

■ 00010F

■ 000000

■ 5B4DA2

■ 5B4DA2

■ 4D3DA2

■ 695DA2

■ 402DA2

■ 766DA2

■ 321CA2

■ 847EA2

■ 250CA2

■ 918EA2

■ 1B00A2

■ 9F9EA2

■ ACAEA2

■ BABEA2

■ C7CFA2

■ D5DFA2

Harmonies

Analogous

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



005EAF



5B4DA2



8E3882

Triad

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



5B4DA2



8B4805



006C5B

Complementary

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



5B4DA2



94A24D

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.



006A2F



5B4DA2



6A5900

Square

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



5B4DA2



A03430



3F6400



006C86

Rectangle

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



5B4DA2



9F2C67



3F6400



006C4D

Sweetspot

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



5B4DA2



B7B2D4



4D95A2



5A576B



EBEBEB



6B6B6B

Same Dimension

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



5B4DA2



644ED4



844DA2



4B4952



180091



030012

Inverse Universe

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



A24D94



D44EBE



6BA24D



524950



910079



12000F

Previews

White Background



This preview shows how the Hex color 5B4DA2 looks on a white background.

Color Contrast Check

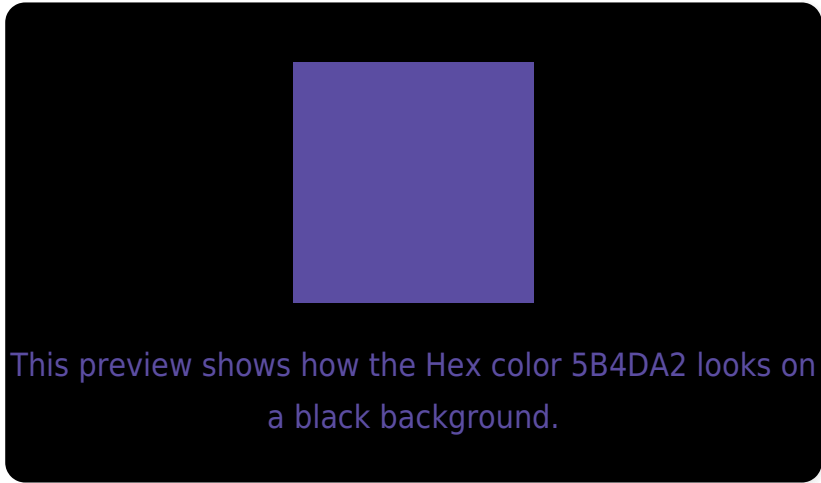
Large Text (above 18pt) WCAG AA ✓ Pass

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

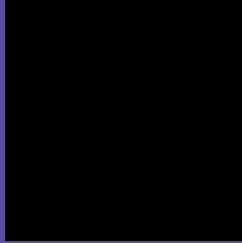
Any Text WCAG AA × Fail

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 5B4DA2 Background



This preview shows how black text looks on a background with the Hex color 5B4DA2.

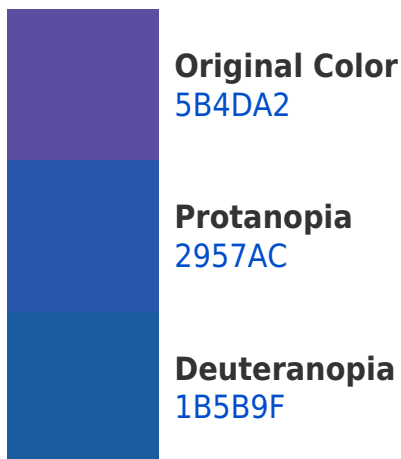


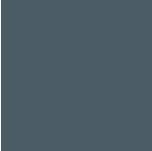
This preview shows how white text looks on a background with the Hex color 5B4DA2.

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
4B5C64

Trichromacy



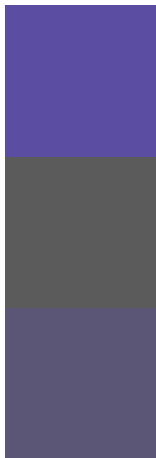
Original Color
5B4DA2

Protanomaly
3B53A8

Deuteranomaly
3256A0

Tritanomaly
51577B

Monochromacy



Original Color
5B4DA2

Achromatopsia
5B5B5B

Achromatomaly
5B5675

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4DA2 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 #5B4DA2 looks like.

```
.text, #text, p{  
  color:#5B4DA2  
}
```

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 #5B4DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4DA2
}
```

Border

The CSS property to change the border of an element to Hex 5B4DA2 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".

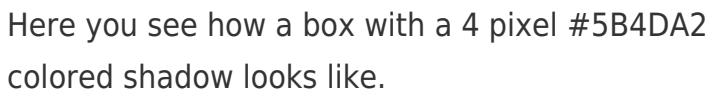
```
.border, #border, table{ border:4px solid
#5B4DA2 }
```

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

```
.border{ border-color:#5B4DA2 }
```

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

Here you see how a box with a 4 pixel #5B4DA2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4DA2; -webkit-box-shadow:4px 4px  
4px 4px #5B4DA2; box-shadow:4px 4px 4px  
4px #5B4DA2 }
```

Background

The CSS property to change the background color of an element to Hex 5B4DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4DA2 }
```

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

```
.background{ background-color:#5B4DA2 }
```

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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