

Converting Colors

Hex(5B4B85)

Have a look what the booklet for
Hex(5B4B85) contains.

| | |
|--|----|
| Hex(5B4B85) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(5B4B85)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5B4B85 |
| RGB | 91, 75, 133 |
| RGB Percent | 36%, 29%, 52% |
| CMY | 0.6431, 0.7059, 0.4784 |
| CMYK | 0.32, 0.44, 0.00, 0.48 |
| HSL | 257°, 28%, 41% |
| HSV | 257°, 44%, 52% |
| XYZ | 11.0641, 8.9498, 23.3346 |
| YIQ | 86.3960, -9.0820, 21.4300 |

Conversions

Conversions Part 2

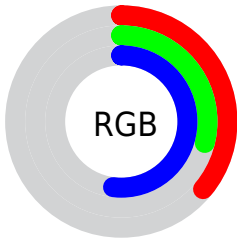
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 91, 75, 133 |
| Decimal | 5983109 |
| CIELab | 35.89, 20.48, -30.23 |
| CIELCh | 36, 36.511, 304.124 |
| Yxy | 8.9498, 0.2552, 0.2065 |
| Android (android.graphics.Color) | 4284173189 (0xFF5B4B85) |
| YUV | 86.3960, 22.9758, 4.0377 |
| Hunter-Lab | 29.9161, 13.6627, -25.3050 |

Details

The Hex color **5B4B85** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **75854B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8F7CBA**, and **2A1F53** is the 20% darker color. If you saturate the color by 10%, you get **513E85**, and if you desaturate by 10%, it is **655885**.

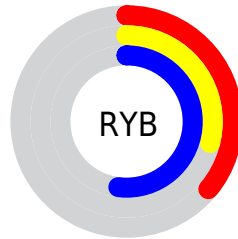
Distribution



Red (36%)

Green (29%)

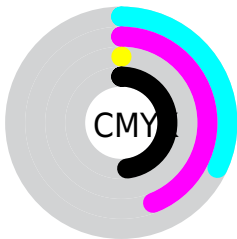
Blue (52%)



Red (36%)

Yellow (29%)

Blue (52%)

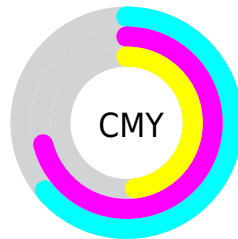


Cyan (32%)

Magenta (44%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (71%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4B85 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 5B4B85 by changing the saturation by 10% instead.

■ 5B4B85

■ 5B4B85

FFFFFF

■ 42346C

■ 8F7CBA

■ 2A1F53

■ AA96D6

■ 12093C

■ C5B1F3

■ 000025

■ E2CCFF

■ 00010E

■ FFE8FF

■ 000000

■ 5B4B85

■ 5B4B85

■ 513E85

■ 655885

■ 483085

■ 6E6685

■ 3E2385

■ 787385

■ 341685

■ 828085

■ 2B0885

■ 8B8E85

■ 250085

■ 959B85

■ 9EA885

■ A8B585

■ B2C385

Harmonies

Analogous

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



1D568F



5B4B85



7B3F6E

Triad

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



5B4B85



784A1F



006358

Complementary

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



5B4B85



75854B

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.



13613A



5B4B85



615416

Square

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



5B4B85



873F35



425C21



006274

Rectangle

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



5B4B85



873A5B



425C21



00624D

Sweetspot

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



5B4B85



9D97AD



4B7685



4D4957



D6D6D6



575757

Same Dimension

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



5B4B85



6C53AD



774B85



3D3C42



240082



010003

Inverse Universe

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



854B75



AD5395



59854B



423C40



82005E



030002

Previews

White Background



This preview shows how the Hex color 5B4B85 looks on a white background.

Color Contrast Check

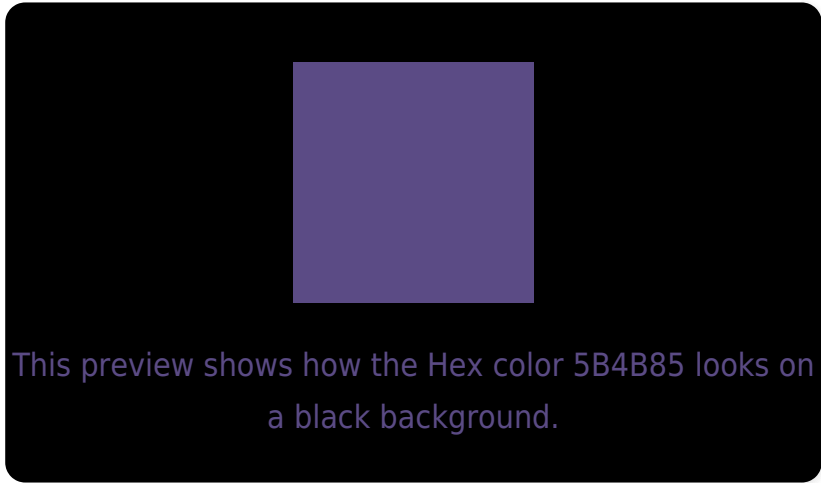
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

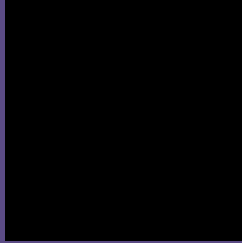
Any Text WCAG AA × Fail

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 5B4B85 Background



This preview shows how black text looks on a background with the Hex color 5B4B85.



This preview shows how white text looks on a background with the Hex color 5B4B85.

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
5B4B85

Protanopia
3D538C

Deuteranopia
3D5483



Tritanopia
52545B

Trichromacy



Original Color
5B4B85

Protanomaly
485089

Deuteranomaly
485184

Tritanomaly
55516A

Monochromacy



Original Color
5B4B85

Achromatopsia
565656

Achromatomaly
585267

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4B85 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 #5B4B85 looks like.

```
.text, #text, p{  
    color:#5B4B85  
}
```

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 #5B4B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4B85
}
```

Border

The CSS property to change the border of an element to Hex 5B4B85 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
#5B4B85 }
```

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

```
.border{ border-color:#5B4B85 }
```

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

Here you see how a box with a 4 pixel #5B4B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4B85; -webkit-box-shadow:4px 4px  
4px 4px #5B4B85; box-shadow:4px 4px 4px  
4px #5B4B85 }
```

Background

The CSS property to change the background color of an element to Hex 5B4B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4B85 }
```

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

```
.background{ background-color:#5B4B85 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor