

Converting Colors

Hex(5B4B87)

Have a look what the booklet for
Hex(5B4B87) contains.

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Color

Hex(5B4B87)

Conversions

Conversions Part 1

Format	Color
Hex	5B4B87
RGB	91, 75, 135
RGB Percent	36%, 29%, 53%
CMY	0.6431, 0.7059, 0.4706
CMYK	0.33, 0.44, 0.00, 0.47
HSL	256°, 29%, 41%
HSV	256°, 44%, 53%
XYZ	11.2036, 9.0056, 24.0694
YIQ	86.6240, -9.7240, 22.0520

Conversions

Conversions Part 2

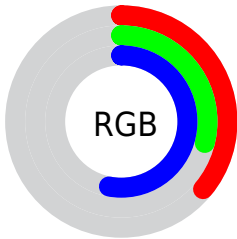
Format	Color
R_{YB}	91, 75, 135
Decimal	5983111
CIE Lab	36.00, 21.04, -31.28
CIE LCh	36, 37.700, 303.924
Yxy	9.0056, 0.2530, 0.2034
Android (android.graphics.Color)	4284173191 (0xFF5B4B87)
YUV	86.6240, 23.8494, 3.8378
Hunter-Lab	30.0093, 14.1248, -26.5480

Details

The Hex color **5B4B87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **77874B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8F7CBD**, and **2A1F55** is the 20% darker color. If you saturate the color by 10%, you get **513E87**, and if you desaturate by 10%, it is **655987**.

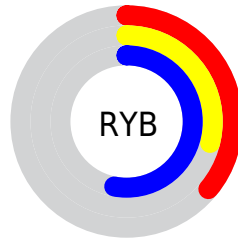
Distribution



Red (36%)

Green (29%)

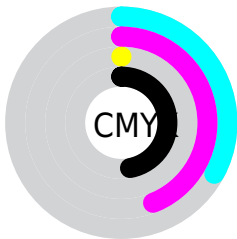
Blue (53%)



Red (36%)

Yellow (29%)

Blue (53%)

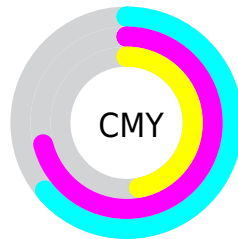


Cyan (33%)

Magenta (44%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (71%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4B87 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 5B4B87 by changing the saturation by 10% instead.



5B4B87



5B4B87

FFFFFF



42346D



8F7CBD



2A1F55



AA96D9



11093D



C6B1F5



000027



E2CCFF



000110



FFE8FF



000000



5B4B87



5B4B87



513E87



655987



473087



6F6687

■ 3D2387

■ 797487

■ 331587

■ 838187

■ 290887

■ 8D8F87

■ 240087

■ 969C87

■ A0AA87

■ AAB787

■ B4C487

Harmonies

Analogous

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



175791



5B4B87



7C3F70

Triad

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



5B4B87



7A491D



006358

Complementary

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



5B4B87



77874B

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.



0F6139



5B4B87



615413

Square

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



5B4B87



893E35



425D1F



006376

Rectangle

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



5B4B87



883A5C



425D1F



00634D

Sweetspot

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



5B4B87



9F99B0



4B7787



4F4B59



D9D9D9



595959

Same Dimension

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



5B4B87



6C53B0



794B87



3D3C42



230082



010003

Inverse Universe

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



874B77



B05397



59874B



423C41



82005F



030002

Previews

White Background



This preview shows how the Hex color 5B4B87 looks on a white background.

Color Contrast Check

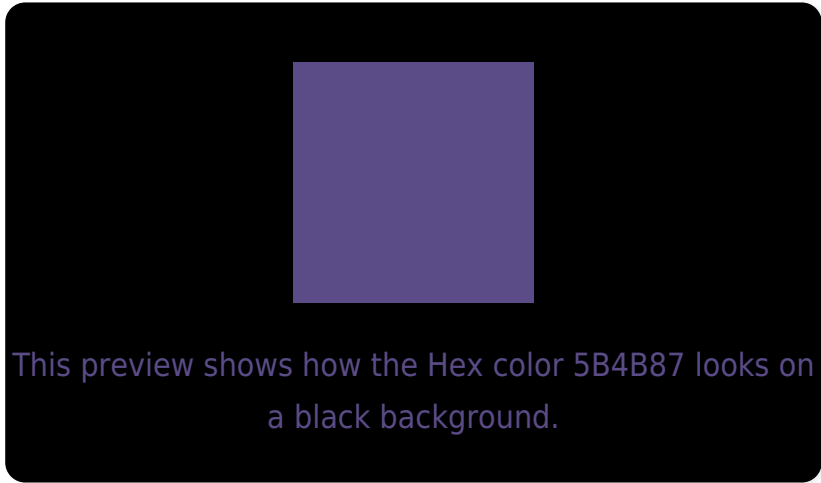
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B4B87 Background



This preview shows how black text looks on a background with the Hex color 5B4B87.



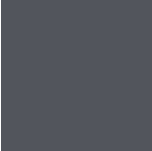
This preview shows how white text looks on a background with the Hex color 5B4B87.

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
52555C

Trichromacy



Original Color
5B4B87

Protanomaly
47508B

Deuteranomaly
475186

Tritanomaly
55516C

Monochromacy



Original Color
5B4B87

Achromatopsia
575757

Achromatomaly
585368

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4B87 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 #5B4B87 looks like.

```
.text, #text, p{  
    color:#5B4B87  
}
```

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 #5B4B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4B87
}
```

Border

The CSS property to change the border of an element to Hex 5B4B87 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
#5B4B87 }
```

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

```
.border{ border-color:#5B4B87 }
```

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

Here you see how a box with a 4 pixel #5B4B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4B87; -webkit-box-shadow:4px 4px  
4px 4px #5B4B87; box-shadow:4px 4px 4px  
4px #5B4B87 }
```

Background

The CSS property to change the background color of an element to Hex 5B4B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4B87 }
```

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

```
.background{ background-color:#5B4B87 }
```

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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