

Converting Colors

Hex(5B4788)

Have a look what the booklet for
Hex(5B4788) contains.

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Color

Hex(5B4788)

Conversions

Conversions Part 1

Format	Color
Hex	5B4788
RGB	91, 71, 136
RGB Percent	36%, 28%, 53%
CMY	0.6431, 0.7216, 0.4667
CMYK	0.33, 0.48, 0.00, 0.47
HSL	258°, 31%, 41%
HSV	258°, 48%, 53%
XYZ	11.0116, 8.5082, 24.3544
YIQ	84.3900, -8.9450, 24.4550

Conversions

Conversions Part 2

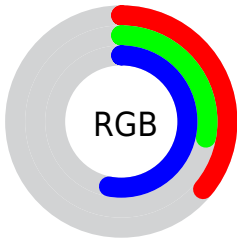
Format	Color
RYB	91, 71, 136
Decimal	5982088
CIELab	35.02, 23.84, -33.44
CIElCh	35, 41.065, 305.481
Yxy	8.5082, 0.2510, 0.1939
Android (android.graphics.Color)	4284172168 (0xFF5B4788)
YUV	84.3900, 25.4437, 5.7970
Hunter-Lab	29.1688, 16.3403, -29.0859

Details

The Hex color **5B4788** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **748847**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8F78BE**, and **291B56** is the 20% darker color. If you saturate the color by 10%, you get **523988**, and if you desaturate by 10%, it is **645588**.

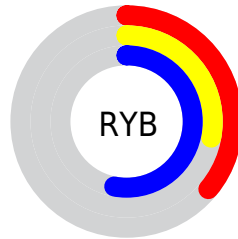
Distribution



Red (36%)

Green (28%)

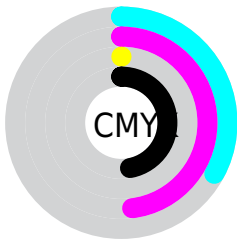
Blue (53%)



Red (36%)

Yellow (28%)

Blue (53%)

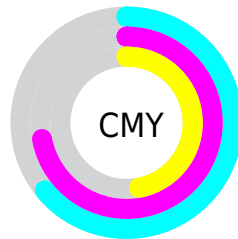


Cyan (33%)

Magenta (48%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (72%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4788 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 5B4788 by changing the saturation by 10% instead.

■ 5B4788

■ 5B4788

FFFFFF

■ 42306E

■ 8F78BE

■ 291B56

■ AA92DA

■ 11043E

■ C6ACF6

■ 000128

■ E3C8FF

■ 000111

■ FFE4FF

■ 000000

■ 5B4788

■ 5B4788

■ 523988

■ 645588

■ 482C88

■ 6E6288

■ 3F1E88

■ 777088

■ 351188

■ 817D88

■ 2C0388

■ 8A8B88

■ 2A0088

■ 939988

■ 9DA688

■ A6B488

■ B0C188

Harmonies

Analogous

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



015494



5B4788



7E396E

Triad

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



5B4788



784714



006258

Complementary

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



5B4788



748847

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.



006036



5B4788



5D5306

Square

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



5B4788



89392E



3B5B18



006178

Rectangle

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



5B4788



8A3359



3B5B18



00614C

Sweetspot

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



5B4788



9F97B0



477488



4F4A59



D9D9D9



595959

Same Dimension

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



5B4788



6B4CB0



7B4788



403E45



290085



020005

Inverse Universe

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



884774



B04C91



548847



453E43



85005C



050004

Previews

White Background



This preview shows how the Hex color 5B4788 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 5B4788 Background



This preview shows how black text looks on a background with the Hex color 5B4788.

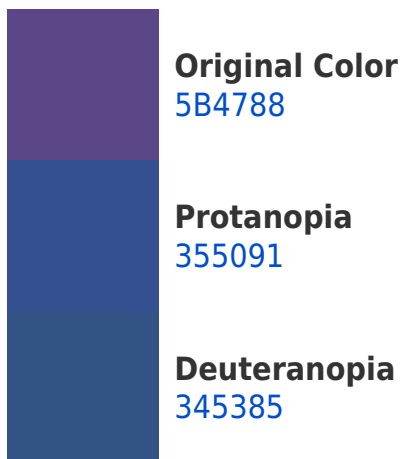


This preview shows how white text looks on a background with the Hex color 5B4788.

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
515259

Trichromacy



Original Color
5B4788

Protanomaly
434D8E

Deuteranomaly
424F86

Tritanomaly
554E6A

Monochromacy



Original Color
5B4788

Achromatopsia
545454

Achromatomaly
574F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4788 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 #5B4788 looks like.

```
.text, #text, p{  
    color:#5B4788  
}
```

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 #5B4788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4788  
}
```

Border

The CSS property to change the border of an element to Hex 5B4788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

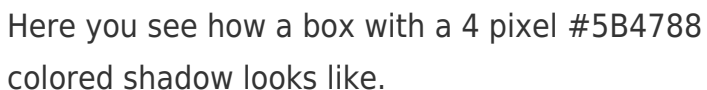
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B4788 }
```

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

```
.border{ border-color:#5B4788 }
```

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



Here you see how a box with a 4 pixel #5B4788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4788; -webkit-box-shadow:4px 4px  
4px 4px #5B4788; box-shadow:4px 4px 4px  
4px #5B4788 }
```

Background

The CSS property to change the background color of an element to Hex 5B4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4788 }
```

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

```
.background{ background-color:#5B4788 }
```

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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