

Converting Colors

Hex(5B5191)

Have a look what the booklet for
Hex(5B5191) contains.

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Color

Hex(5B5191)

Conversions

Conversions Part 1

Format	Color
Hex	5B5191
RGB	91, 81, 145
RGB Percent	36%, 32%, 57%
CMY	0.6431, 0.6824, 0.4314
CMYK	0.37, 0.44, 0.00, 0.43
HSL	249°, 28%, 44%
HSV	249°, 44%, 57%
XYZ	12.3676, 10.1533, 28.0960
YIQ	91.2860, -14.5840, 22.0240

Conversions

Conversions Part 2

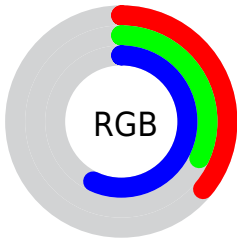
Format	Color
R_{YB}	91, 81, 145
Decimal	5984657
CIE _{Lab}	38.12, 20.11, -34.02
CIE _{LCh}	38, 39.523, 300.584
Yxy	10.1533, 0.2443, 0.2006
Android (android.graphics.Color)	4284174737 (0xFF5B5191)
YUV	91.2860, 26.4810, -0.2508
Hunter-Lab	31.8643, 13.5195, -29.9733

Details

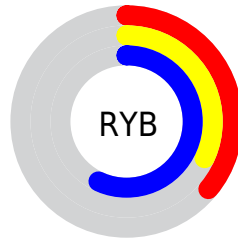
The Hex color **5B5191** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **879151**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8F82C7**, and **28245E** is the 20% darker color. If you saturate the color by 10%, you get **4F4291**, and if you desaturate by 10%, it is **676091**.

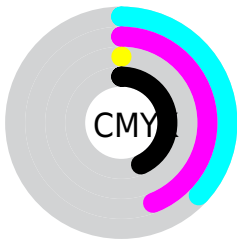
Distribution



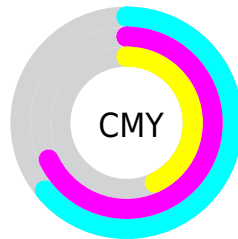
- Red (36%)
- Green (32%)
- Blue (57%)



- Red (36%)
- Yellow (32%)
- Blue (57%)



- Cyan (37%)
- Magenta (44%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (68%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5191 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 5B5191 by changing the saturation by 10% instead.

■ 5B5191

■ 5B5191

FFFFFF

■ 423A77

■ 8F82C7

■ 28245E

■ AB9CE3

■ 0D1046

■ C6B7FF

■ 00002F

■ E3D3FF

■ 000119

■ FFEFFF

■ 000000

■ 5B5191

■ 5B5191

■ 4F4291

■ 676091

■ 433491

■ 736E91

■ 362591

■ 807C91

■ 2A1791

■ 8C8B91

■ 1E0991

■ 989A91

■ 170091

■ A4A891

■ B1B691

■ BDC591

■ C9D391

Harmonies

Analogous

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



005D9A



5B5191



81447A

Triad

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



5B5191



834C21



006959

Complementary

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



5B5191



879151

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.



1A6739



5B5191



6A5814

Square

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



5B5191



92403B



4A611F



006979

Rectangle

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



5B5191



8F3D65



4A611F



00694E

Sweetspot

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



5B5191



A8A4BD



518791



524F5E



DEDEDE



5E5E5E

Same Dimension

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



5B5191



6859BD



7B5191



414047



150087



010008

Inverse Universe

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



915187



BD59AD



679151



474046



870072



080006

Previews

White Background



This preview shows how the Hex color 5B5191 looks on a white background.

Color Contrast Check

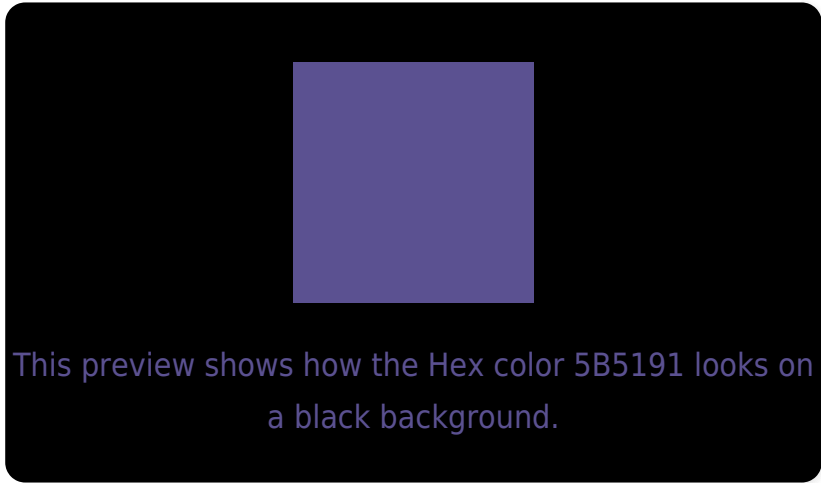
Large Text (above 18pt) WCAG AA ✓ Pass

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

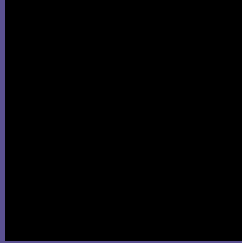
Any Text WCAG AA × Fail

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 5B5191 Background



This preview shows how black text looks on a background with the Hex color 5B5191.



This preview shows how white text looks on a background with the Hex color 5B5191.

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
5B5191

Protanopia
3F5897

Deuteranopia
3B5A8F



Tritanopia
505B63

Trichromacy



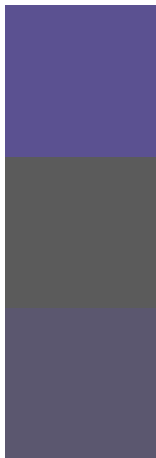
Original Color
5B5191

Protanomaly
495595

Deuteranomaly
475790

Tritanomaly
545774

Monochromacy



Original Color
5B5191

Achromatopsia
5B5B5B

Achromatomaly
5B576F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5191 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 #5B5191 looks like.

```
.text, #text, p{  
    color:#5B5191  
}
```

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 #5B5191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5191
}
```

Border

The CSS property to change the border of an element to Hex 5B5191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

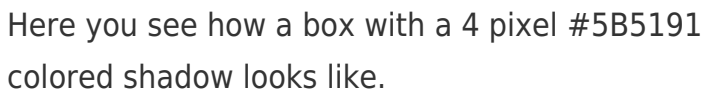
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5191 }
```

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

```
.border{ border-color:#5B5191 }
```

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



Here you see how a box with a 4 pixel #5B5191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5191; -webkit-box-shadow:4px 4px  
4px 4px #5B5191; box-shadow:4px 4px 4px  
4px #5B5191 }
```

Background

The CSS property to change the background color of an element to Hex 5B5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5191 }
```

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

```
.background{ background-color:#5B5191 }
```

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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