

# Converting Colors

Hex(5B4190)

Have a look what the booklet for  
Hex(5B4190) contains.

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# Color

**Hex(5B4190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B4190
RGB	91, 65, 144
RGB Percent	36%, 25%, 56%
CMY	0.6431, 0.7451, 0.4353
CMYK	0.37, 0.55, 0.00, 0.44
HSL	260°, 38%, 41%
HSV	260°, 55%, 56%
XYZ	11.2387, 8.0184, 27.3409
YIQ	81.7800, -9.8630, 30.0810

# Conversions

## Conversions Part 2

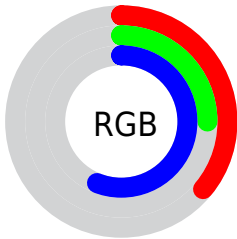
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 65, 144
Decimal	5980560
CIELab	34.02, 29.80, -39.93
CIElCh	34, 49.830, 306.735
Yxy	8.0184, 0.2412, 0.1721
Android (android.graphics.Color)	4284170640 (0xFF5B4190)
YUV	81.7800, 30.6745, 8.0859
Hunter-Lab	28.3167, 21.2913, -37.4252

# Details

The Hex color **5B4190** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **769041**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9072C6**, and **27145D** is the 20% darker color. If you saturate the color by 10%, you get **513390**, and if you desaturate by 10%, it is **654F90**.

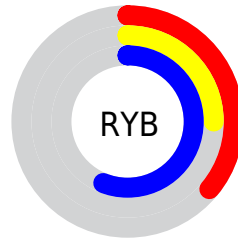
# Distribution



Red (36%)

Green (25%)

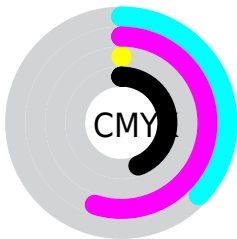
Blue (56%)



Red (36%)

Yellow (25%)

Blue (56%)

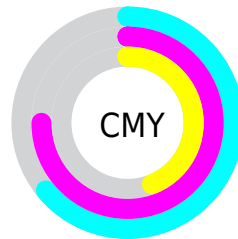


Cyan (37%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (75%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B4190 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 5B4190 by changing the saturation by 10% instead.



 5B4190

 5B4190

FFFFFF

 412A76

 9072C6

 27145D

 AB8BE3

 0C0045

 C8A6FF

 00002E

 E4C1FF

 000118


 FFDDFF

 000000

 FFFAFF

 5B4190

 5B4190

 513390

 654F90

■ 482490

■ 6E5E90

■ 3E1690

■ 786C90

■ 340790

■ 827B90

■ 2F0090

■ 8B8990

■ 959790

■ 9FA690

■ A8B490

■ B2C390

# Harmonies

## Analogous

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



00529F



5B4190



852C70

# Triad

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



5B4190



7A4200



006258

# Complementary

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



5B4190



769041

# 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.



00602F



5B4190



595100

# Square

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



5B4190



8F2F23



2F5B02



00617F

# Rectangle

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



5B4190



922356



2F5B02



00614A



# Sweetspot

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



5B4190



A69CBA



417790



524C5E



DEDEDE



5E5E5E



# Same Dimension

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



5B4190



683FBA



824190



434047



2C0087



030008



# Inverse Universe

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



904176



BA3F92



4F9041



474045



87005B

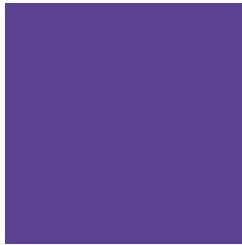


080005



# Previews

## White Background



This preview shows how the Hex color 5B4190 looks on a white background.

## Color Contrast Check

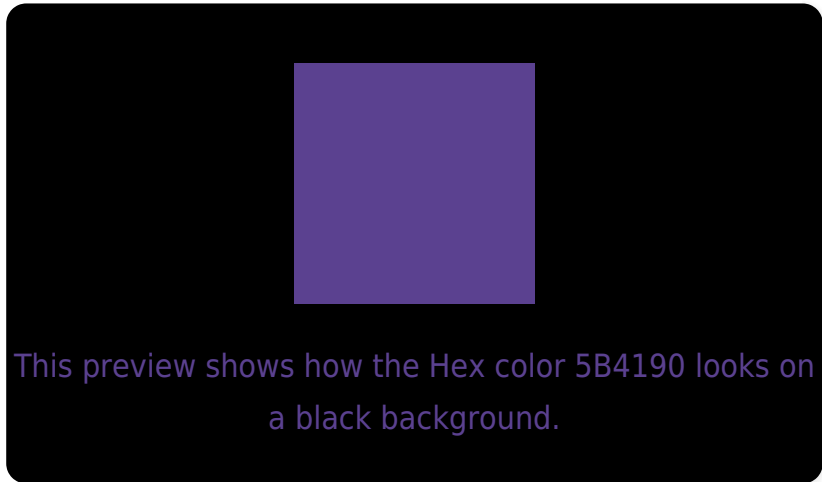
Large Text (above 18pt) WCAG AA ✓ Pass

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

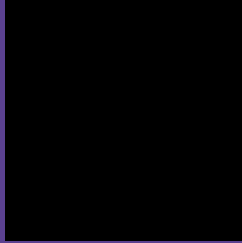
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B4190 Background



This preview shows how black text looks on a background with the Hex color 5B4190.

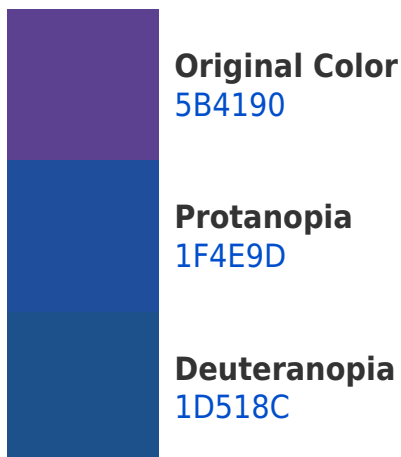


This preview shows how white text looks on a background with the Hex color 5B4190.

# 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**  
4F5056

# Trichromacy



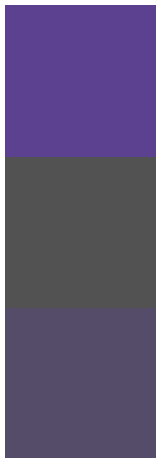
**Original Color**  
5B4190

**Protanomaly**  
354998

**Deuteranomaly**  
344B8D

**Tritanomaly**  
534B6B

# Monochromacy



**Original Color**  
5B4190

**Achromatopsia**  
525252

**Achromatomaly**  
554C69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B4190 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 #5B4190 looks like.

```
.text, #text, p{  
    color:#5B4190  
}
```

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 #5B4190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4190
}
```

## Border

The CSS property to change the border of an element to Hex 5B4190 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
#5B4190 }
```

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

```
.border{ border-color:#5B4190 }
```

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

Here you see how a box with a 4 pixel #5B4190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4190; -webkit-box-shadow:4px 4px  
4px 4px #5B4190; box-shadow:4px 4px 4px  
4px #5B4190 }
```

# Background

The CSS property to change the background color of an element to Hex 5B4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4190 }
```

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

```
.background{ background-color:#5B4190 }
```

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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