

Converting Colors

Hex(5B2991)

Have a look what the booklet for
Hex(5B2991) contains.

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Color

Hex(5B2991)

Conversions

Conversions Part 1

Format	Color
Hex	5B2991
RGB	91, 41, 145
RGB Percent	36%, 16%, 57%
CMY	0.6431, 0.8392, 0.4314
CMYK	0.37, 0.72, 0.00, 0.43
HSL	269°, 56%, 36%
HSV	269°, 72%, 57%
XYZ	10.2182, 5.8544, 27.3795
YIQ	67.8060, -3.5840, 42.9440

Conversions

Conversions Part 2

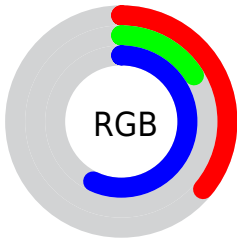
Format	Color
R_{YB}	91, 41, 145
Decimal	5974417
CIE _{Lab}	29.04, 43.60, -48.58
CIE _{LCh}	29, 65.275, 311.909
Yxy	5.8544, 0.2352, 0.1347
Android (android.graphics.Color)	4284164497 (0xFF5B2991)
YUV	67.8060, 38.0566, 20.3411
Hunter-Lab	24.1958, 33.0400, -50.1545

Details

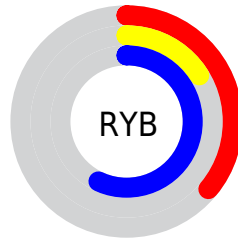
The Hex color **5B2991** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5F9129**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **915BC8**, and **24005D** is the 20% darker color. If you saturate the color by 10%, you get **531B91**, and if you desaturate by 10%, it is **633891**.

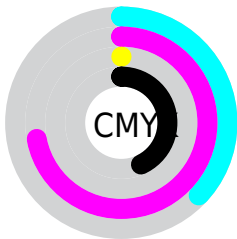
Distribution



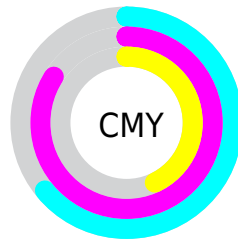
- Red (36%)
- Green (16%)
- Blue (57%)



- Red (36%)
- Yellow (16%)
- Blue (57%)



- Cyan (37%)
- Magenta (72%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (84%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2991 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 5B2991 by changing the saturation by 10% instead.

■ 5B2991

■ 5B2991

FFFFFF

■ 400F77

■ 915BC8

■ 24005D

■ AD74E4

■ 0B0045

■ CA8FFF

■ 00032E

■ E7AAFF

■ 000118

■ FFC5FF

■ 000000

■ FFE2FF

■ 5B2991

■ 5B2991

■ 531B91

■ 633891

■ 4C0C91

■ 6A4691

■ 460091

■ 725591

■ 796391

■ 817291

■ 888091

■ 908F91

■ 979D91

■ 9FAB91

Harmonies

Analogous

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



0045AA



5B2991



8C0065

Triad

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



5B2991



6D3600



005858

Complementary

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



5B2991



5F9129

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.



005622



5B2991



434900

Square

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



5B2991



8B0F00



005200



005888

Rectangle

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



5B2991



970044



005200



005847

Sweetspot

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



5B2991



A793BD



296091



52465E



DEDEDE



5E5E5E

Same Dimension

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



5B2991



681ABD



8E2991



444047



410087



040008

Inverse Universe

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



91295F



BD1A6F



2C9129



474044



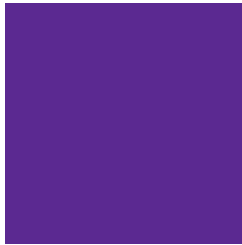
870046



080004

Previews

White Background



This preview shows how the Hex color 5B2991 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

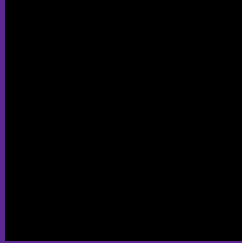
Any Text WCAG AA × Fail

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 5B2991 Background



This preview shows how black text looks on a background with the Hex color 5B2991.

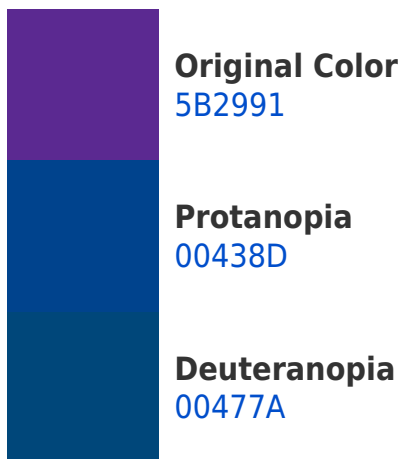


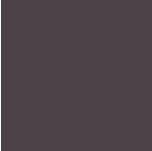
This preview shows how white text looks on a background with the Hex color 5B2991.

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
4C4248

Trichromacy



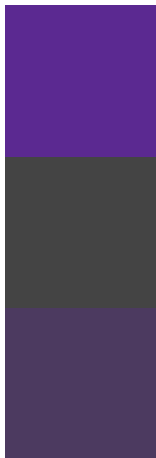
Original Color
5B2991

Protanomaly
213A8E

Deuteranomaly
213C82

Tritanomaly
513963

Monochromacy



Original Color
5B2991

Achromatopsia
444444

Achromatomaly
4C3A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2991 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 #5B2991 looks like.

```
.text, #text, p{  
    color:#5B2991  
}
```

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 #5B2991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2991
}
```

Border

The CSS property to change the border of an element to Hex 5B2991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

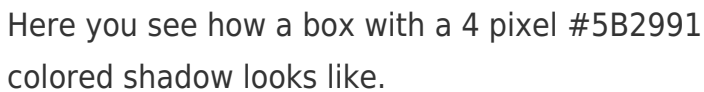
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2991 }
```

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

```
.border{ border-color:#5B2991 }
```

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



Here you see how a box with a 4 pixel #5B2991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2991; -webkit-box-shadow:4px 4px  
4px 4px #5B2991; box-shadow:4px 4px 4px  
4px #5B2991 }
```

Background

The CSS property to change the background color of an element to Hex 5B2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2991 }
```

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

```
.background{ background-color:#5B2991 }
```

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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