

Converting Colors

Hex(5B41BB)

Have a look what the booklet for
Hex(5B41BB) contains.

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Color

Hex(5B41BB)

Conversions

Conversions Part 1

Format	Color
Hex	5B41BB
RGB	91, 65, 187
RGB Percent	36%, 25%, 73%
CMY	0.6431, 0.7451, 0.2667
CMYK	0.51, 0.65, 0.00, 0.27
HSL	253°, 48%, 49%
HSV	253°, 65%, 73%
XYZ	15.1743, 9.5926, 48.0655
YIQ	86.6820, -23.6660, 43.4540

Conversions

Conversions Part 2

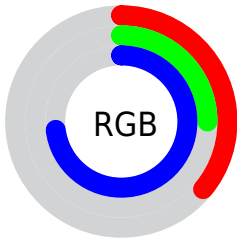
Format	Color
R_{YB}	91, 65, 187
Decimal	5980603
CIE _{Lab}	37.10, 42.36, -60.73
CIE _{LCh}	37, 74.044, 304.896
Yxy	9.5926, 0.2083, 0.1317
Android (android.graphics.Color)	4284170683 (0xFF5B41BB)
YUV	86.6820, 49.4568, 3.7869
Hunter-Lab	30.9719, 33.2531, -70.3321

Details

The Hex color **5B41BB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A1BB41**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9572F4**, and **191285** is the 20% darker color. If you saturate the color by 10%, you get **4C2EBB**, and if you desaturate by 10%, it is **6A54BB**.

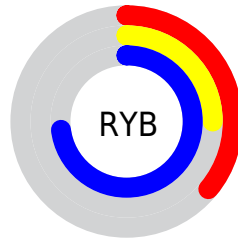
Distribution



Red (36%)

Green (25%)

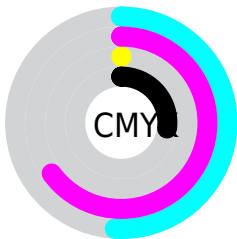
Blue (73%)



Red (36%)

Yellow (25%)

Blue (73%)

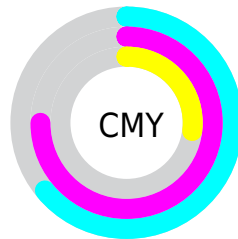


Cyan (51%)

Magenta (65%)

Yellow (0%)

Black (27%)



Cyan (64%)

Magenta (75%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B41BB 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 5B41BB by changing the saturation by 10% instead.

■ 5B41BB

■ 5B41BB

FFFFFF

■ 3D299F

■ 9572F4

■ 191285

■ B18CFF

■ 00006B

■ CFA7FF

■ 000052

■ ECC3FF

■ 000539

■ FFDFFF

■ 000223

■ FFFCFF

■ 00000A

■ 000000

■ 5B41BB

■ 5B41BB

■ 4C2EBB

■ 6A54BB

■ 3E1CBB

■ 7866BB

■ 2F09BB

■ 8779BB

■ 2800BB

■ 968CBB

■ A59EBB

■ B3B1BB

■ C2C4BB

■ D1D7BB

■ DFE9BB

Harmonies

Analogous

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



005DD1



5B41BB



A3008B

Triad

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



5B41BB



923F00



006F60

Complementary

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



5B41BB



A1BB41

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.



006C1F



5B41BB



635800

Square

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



5B41BB



B20516



1C6600



006F9B

Rectangle

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



5B41BB



B70064



1C6600



006E4B

Sweetspot

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



5B41BB



CCC2F2



41A3BB



635D7A



FAFAFA



7A7A7A

Same Dimension

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



5B41BB



5E35F2



9641BB



57555E



22009E



07001F

Inverse Universe

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



BB41A1



F235CA



66BB41



5E555C



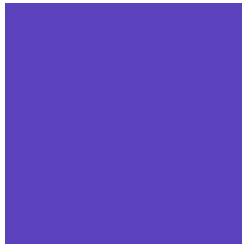
9E007C



1F0018

Previews

White Background



This preview shows how the Hex color 5B41BB looks on a white background.

Color Contrast Check

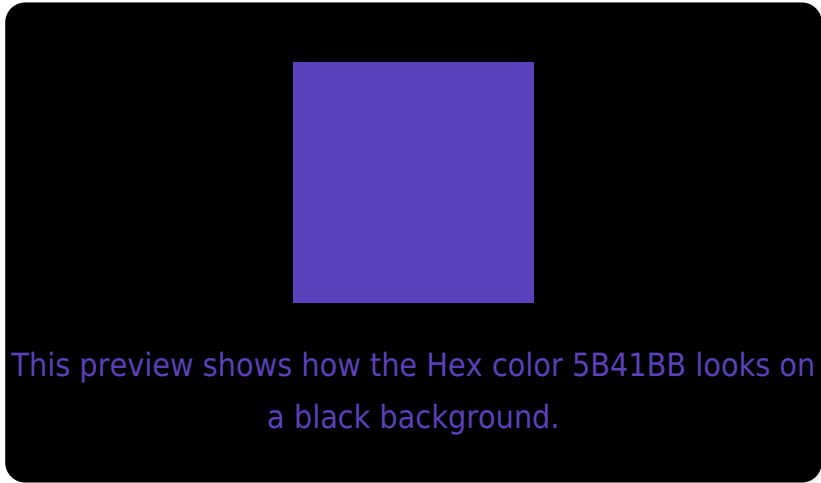
Large Text (above 18pt) WCAG AA ✓ Pass

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

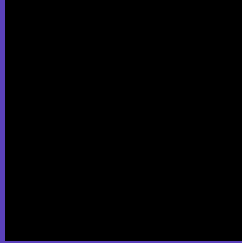
Any Text WCAG AA × Fail

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 5B41BB Background



This preview shows how black text looks on a background with the Hex color 5B41BB.

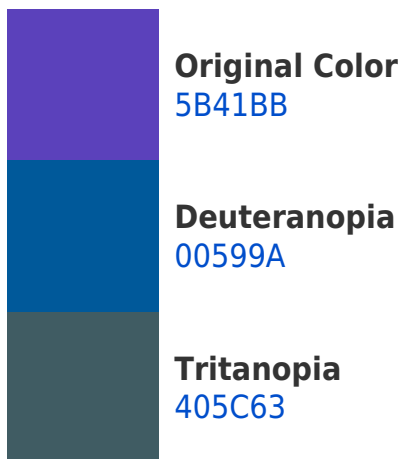


This preview shows how white text looks on a background with the Hex color 5B41BB.

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



Trichromacy



Original Color
5B41BB

Deuteranomaly
2150A6

Tritanomaly
4A5283

Monochromacy



Original Color
5B41BB

Achromatopsia
575757

Achromatomaly
584F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B41BB 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 #5B41BB looks like.

```
.text, #text, p{  
    color:#5B41BB  
}
```

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 #5B41BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B41BB
}
```

Border

The CSS property to change the border of an element to Hex 5B41BB 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".

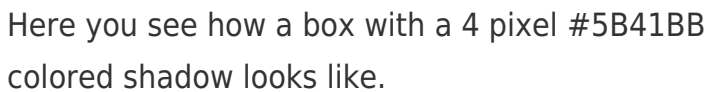
```
.border, #border, table{ border:4px solid
#5B41BB }
```

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

```
.border{ border-color:#5B41BB }
```

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

Here you see how a box with a 4 pixel #5B41BB colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B41BB; -webkit-box-shadow:4px 4px  
4px 4px #5B41BB; box-shadow:4px 4px 4px  
4px #5B41BB }
```

Background

The CSS property to change the background color of an element to Hex 5B41BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B41BB }
```

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

```
.background{ background-color:#5B41BB }
```

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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