

Converting Colors

Hex(5B41B8)

Have a look what the booklet for
Hex(5B41B8) contains.

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Color

Hex(5B41B8)

Conversions

Conversions Part 1

Format	Color
Hex	5B41B8
RGB	91, 65, 184
RGB Percent	36%, 25%, 72%
CMY	0.6431, 0.7451, 0.2784
CMYK	0.51, 0.65, 0.00, 0.28
HSL	253°, 48%, 49%
HSV	253°, 65%, 72%
XYZ	14.8564, 9.4654, 46.3914
YIQ	86.3400, -22.7030, 42.5210

Conversions

Conversions Part 2

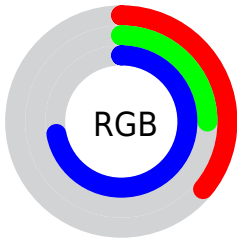
Format	Color
RYB	91, 65, 184
Decimal	5980600
CIELab	36.87, 41.47, -59.35
CIELCh	37, 72.400, 304.943
Yxy	9.4654, 0.2101, 0.1339
Android (android.graphics.Color)	4284170680 (0xFF5B41B8)
YUV	86.3400, 48.1464, 4.0868
Hunter-Lab	30.7659, 32.3546, -67.8661

Details

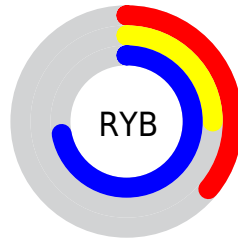
The Hex color **5B41B8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9EB841**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9472F1**, and **1A1282** is the 20% darker color. If you saturate the color by 10%, you get **4D2FB8**, and if you desaturate by 10%, it is **6953B8**.

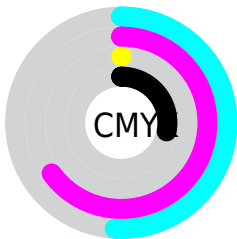
Distribution



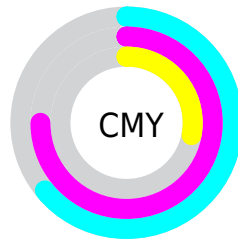
- Red (36%)
- Green (25%)
- Blue (72%)



- Red (36%)
- Yellow (25%)
- Blue (72%)



- Cyan (51%)
- Magenta (65%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (75%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B41B8 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 5B41B8 by changing the saturation by 10% instead.

■ 5B41B8

■ 5B41B8

FFFFFF

■ 3D2A9D

■ 9472F1

■ 1A1282

■ B18CFF

■ 000068

■ CEA7FF

■ 00004F

■ ECC3FF

■ 000537

■ FFDFFF

■ 000221

■ FFFCFF

■ 000005

■ 000000

■ 5B41B8

■ 5B41B8

■ 4D2FB8

■ 6953B8

■ 3E1CB8

■ 7866B8

■ 300AB8

■ 8678B8

■ 2800B8

■ 958BB8

■ A39DB8

■ B1AFB8

■ C0C2B8

■ CED4B8

■ DCE7B8

Harmonies

Analogous

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



005CCD



5B41B8



A10589

Triad

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



5B41B8



903F00



006E5F

Complementary

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



5B41B8



9EB841

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.



006B20



5B41B8



625800

Square

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



5B41B8



AF0C17



1D6500



006E99

Rectangle

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



5B41B8



B40063



1D6500



006D4B

Sweetspot

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



5B41B8



CCC2F0



419EB8



625C78



F7F7F7



787878

Same Dimension

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



5B41B8



5E35F0



9641B8



55535C



22009C



06001C

Inverse Universe

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



B8419E



F035C7



63B841



5C535A



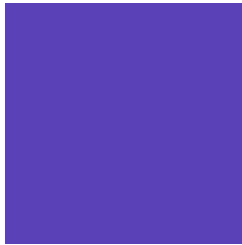
9C007A



1C0016

Previews

White Background



This preview shows how the Hex color 5B41B8 looks on a white background.

Color Contrast Check

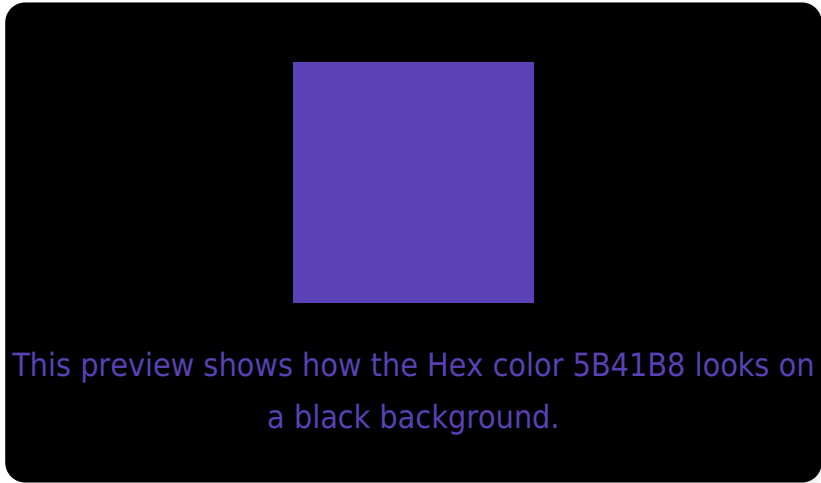
Large Text (above 18pt) WCAG AA ✓ Pass

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

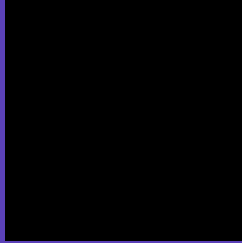
Any Text WCAG AA × Fail

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 5B41B8 Background



This preview shows how black text looks on a background with the Hex color 5B41B8.

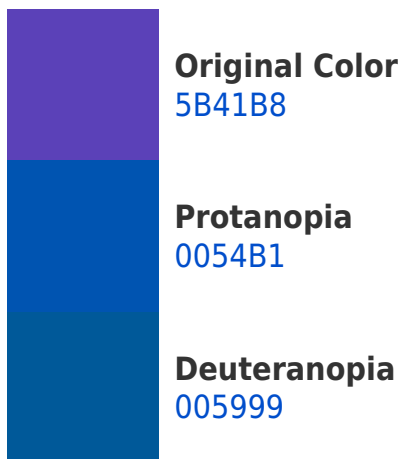


This preview shows how white text looks on a background with the Hex color 5B41B8.

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
415B62

Trichromacy



Original Color
5B41B8



Protanomaly
214DB4



Deuteranomaly
2150A4



Tritanomaly
4A5281

Monochromacy



Original Color
5B41B8



Achromatopsia
565656



Achromatomaly
584E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B41B8 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 #5B41B8 looks like.

```
.text, #text, p{  
    color:#5B41B8  
}
```

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 #5B41B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B41B8
}
```

Border

The CSS property to change the border of an element to Hex 5B41B8 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".

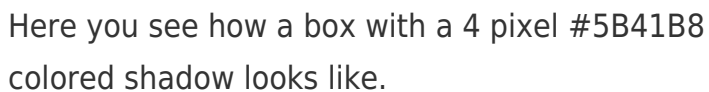
```
.border, #border, table{ border:4px solid
#5B41B8 }
```

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

```
.border{ border-color:#5B41B8 }
```

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

Here you see how a box with a 4 pixel #5B41B8 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B41B8; -webkit-box-shadow:4px 4px  
4px 4px #5B41B8; box-shadow:4px 4px 4px  
4px #5B41B8 }
```

Background

The CSS property to change the background color of an element to Hex 5B41B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B41B8 }
```

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

```
.background{ background-color:#5B41B8 }
```

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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