

Converting Colors

Hex(5B13B9)

Have a look what the booklet for
Hex(5B13B9) contains.

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Color

Hex(5B13B9)

Conversions

Conversions Part 1

Format	Color
Hex	5B13B9
RGB	91, 19, 185
RGB Percent	36%, 7%, 73%
CMY	0.6431, 0.9255, 0.2745
CMYK	0.51, 0.90, 0.00, 0.27
HSL	266°, 81%, 40%
HSV	266°, 90%, 73%
XYZ	13.3042, 6.1927, 46.3930
YIQ	59.4520, -10.3740, 66.8900

Conversions

Conversions Part 2

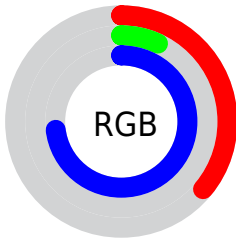
Format	Color
R_{YB}	91, 19, 185
Decimal	5968825
CIE _{Lab}	29.89, 61.79, -71.37
CIE _{LCh}	30, 94.404, 310.886
Yxy	6.1927, 0.2019, 0.0940
Android (android.graphics.Color)	4284158905 (0xFF5B13B9)
YUV	59.4520, 61.8952, 27.6676
Hunter-Lab	24.8851, 51.8818, -93.1143

Details

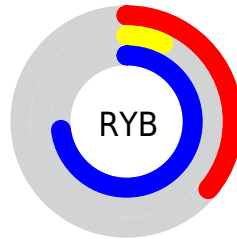
The Hex color **5B13B9** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **71B913**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **974DF2**, and **110082** is the 20% darker color. If you saturate the color by 10%, you get **5100B9**, and if you desaturate by 10%, it is **6525B9**.

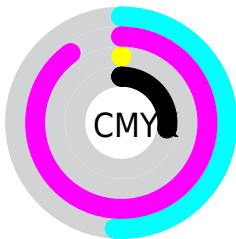
Distribution



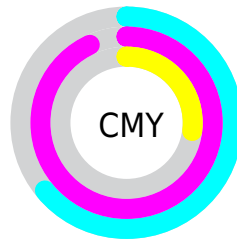
- Red (36%)
- Green (7%)
- Blue (73%)



- Red (36%)
- Yellow (7%)
- Blue (73%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B13B9 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 5B13B9 by changing the saturation by 10% instead.

■ 5B13B9

■ 5B13B9

FFFFFF

■ 3B009D

■ 974DF2

■ 110082

■ B468FF

■ 000068

■ D283FF

■ 00004F

■ F09FFF

■ 000537

■ FFBBFF

■ 000221

■ FFD7FF

■ 000005

■ FFF4FF

■ 000000

■ 5B13B9

■ 5B13B9

■ 5100B9

■ 6525B9

■ 5000B9

■ 7038B9

■ 7A4AB9

■ 855DB9

■ 8F6FB9

■ 9A82B9

■ A494B9

■ AFA7B9

■ B9BAB9

Harmonies

Analogous

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



004BDD



5B13B9



A90078

Triad

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



5B13B9



7B2F00



005E61

Complementary

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



5B13B9



71B913

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.



005C0D



5B13B9



3E4C00

Square

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



5B13B9



A70000



005800



0060A8

Rectangle

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



5B13B9



B90048



005800



005E47

Sweetspot

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



5B13B9



CBAFF0



1371B9



625178



F7F7F7



787878

Same Dimension

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



5B13B9



6800F0



AE13B9



57535C



43009C



0C001C

Inverse Universe

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



B91371



F00088



1EB913



5C5358



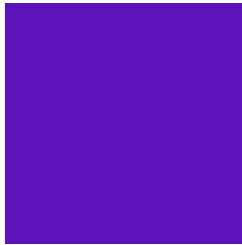
9C0058



1C0010

Previews

White Background



This preview shows how the Hex color 5B13B9 looks on a white background.

Color Contrast Check

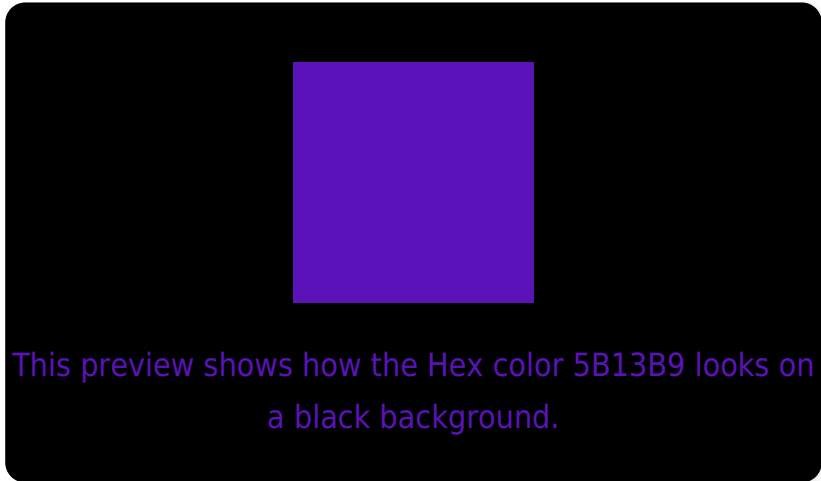
Large Text (above 18pt) WCAG AA ✓ Pass

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

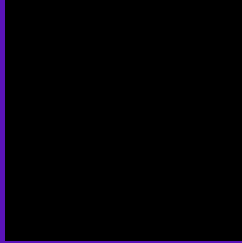
Any Text WCAG AA × Fail

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 5B13B9 Background



This preview shows how black text looks on a background with the Hex color 5B13B9.

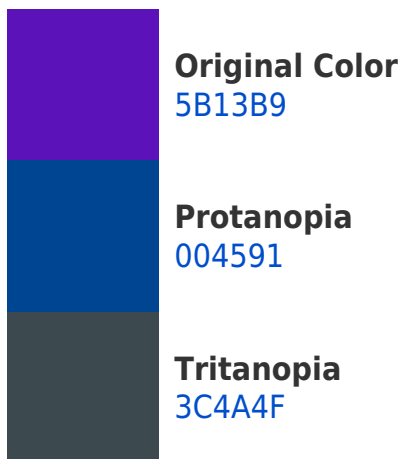


This preview shows how white text looks on a background with the Hex color 5B13B9.

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
5B13B9

Protanomaly
2133A0

Tritanomaly
473676

Monochromacy



Original Color
5B13B9

Achromatopsia
3B3B3B

Achromatomaly
472C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B13B9 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 #5B13B9 looks like.

```
.text, #text, p{  
    color:#5B13B9  
}
```

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 #5B13B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B13B9
}
```

Border

The CSS property to change the border of an element to Hex 5B13B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

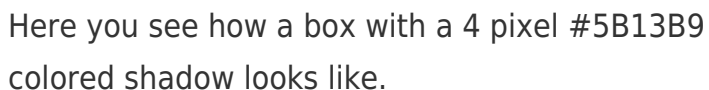
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B13B9 }
```

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

```
.border{ border-color:#5B13B9 }
```

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



Here you see how a box with a 4 pixel #5B13B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B13B9; -webkit-box-shadow:4px 4px  
4px 4px #5B13B9; box-shadow:4px 4px 4px  
4px #5B13B9 }
```

Background

The CSS property to change the background color of an element to Hex 5B13B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B13B9 }
```

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

```
.background{ background-color:#5B13B9 }
```

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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