

Converting Colors

Hex(5C13BF)

Have a look what the booklet for
Hex(5C13BF) contains.

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Color

Hex(5C13BF)

Conversions

Conversions Part 1

Format	Color
Hex	5C13BF
RGB	92, 19, 191
RGB Percent	36%, 7%, 75%
CMY	0.6392, 0.9255, 0.2510
CMYK	0.52, 0.90, 0.00, 0.25
HSL	265°, 82%, 41%
HSV	265°, 90%, 75%
XYZ	14.0505, 6.5026, 49.8048
YIQ	60.4350, -11.7040, 68.9680

Conversions

Conversions Part 2

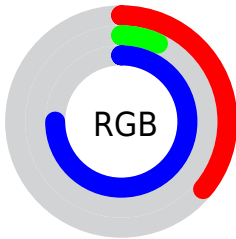
Format	Color
R_{YB}	92, 19, 191
Decimal	6034367
CIE _{Lab}	30.65, 63.31, -73.67
CIE _{LCh}	31, 97.140, 310.674
Yxy	6.5026, 0.1997, 0.0924
Android (android.graphics.Color)	4284224447 (0xFF5C13BF)
YUV	60.4350, 64.3685, 27.6825
Hunter-Lab	25.5003, 53.7267, -97.9496

Details

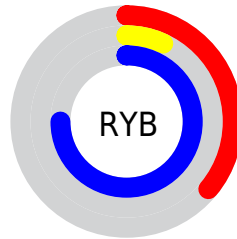
The Hex color **5C13BF** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **76BF13**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **984EF9**, and **0F0088** is the 20% darker color. If you saturate the color by 10%, you get **5100BF**, and if you desaturate by 10%, it is **6726BF**.

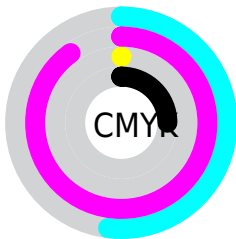
Distribution



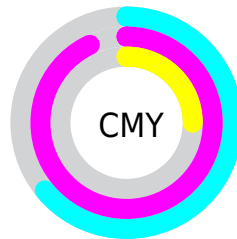
- Red (36%)
- Green (7%)
- Blue (75%)



- Red (36%)
- Yellow (7%)
- Blue (75%)



- Cyan (52%)
- Magenta (90%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C13BF 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 5C13BF by changing the saturation by 10% instead.

5C13BF

5C13BF

FFFFFF

3C00A3

984EF9

0F0088

B669FF

00006E

D484FF

000054

F39FFF

00063C

FFBCFF

000225

FFD8FF

00010E

FFF5FF

000000

5C13BF

5C13BF

5100BF

6726BF

7239BF

7D4CBF

885FBF

9372BF

9E86BF

A999BF

B4ACBF

BFBFBF

Harmonies

Analogous

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



004EE4



5C13BF



AE007C

Triad

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



5C13BF



7F2F00



006163

Complementary

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



5C13BF



76BF13

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.



005E0B



5C13BF



404E00

Square

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



5C13BF



AC0000



005A00



0063AC

Rectangle

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



5C13BF



BF004B



005A00



006048

Sweetspot

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



5C13BF



D1B5F7



1377BF



66557D



FCFCFC



7D7D7D

Same Dimension

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



5C13BF



6900F7



B113BF



59555E



43009E



0D001F

Inverse Universe

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



BF1376



F7008E



21BF13



5E555A



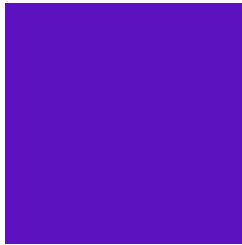
9E005B



1F0012

Previews

White Background



This preview shows how the Hex color 5C13BF looks on a white background.

Color Contrast Check

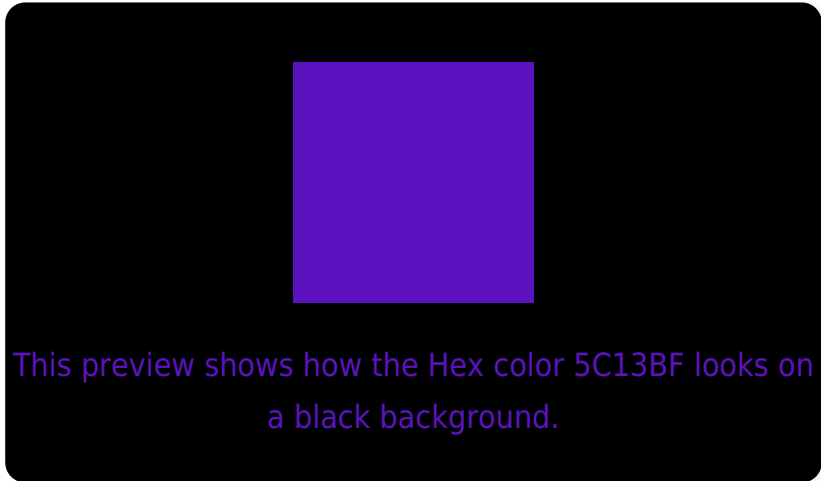
Large Text (above 18pt) WCAG AA ✓ Pass

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

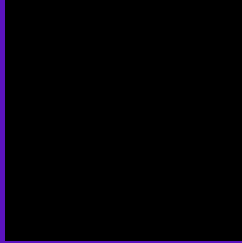
Any Text WCAG AA × Fail

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 5C13BF Background



This preview shows how black text looks on a background with the Hex color 5C13BF.



This preview shows how white text looks on a background with the Hex color 5C13BF.

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



Original Color
5C13BF

Protanopia
004794

Deuteranopia
004B7F



Tritanopia
3B4C52

Trichromacy



Original Color
5C13BF



Protanomaly
2134A4



Deuteranomaly
213796



Tritanomaly
47377A

Monochromacy



Original Color
5C13BF



Achromatopsia
3C3C3C



Achromatomaly
482D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C13BF 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 #5C13BF looks like.

```
.text, #text, p{  
    color:#5C13BF  
}
```

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 #5C13BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C13BF
}
```

Border

The CSS property to change the border of an element to Hex 5C13BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

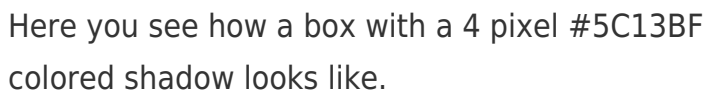
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C13BF }
```

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

```
.border{ border-color:#5C13BF }
```

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



Here you see how a box with a 4 pixel #5C13BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C13BF; -webkit-box-shadow:4px 4px  
4px 4px #5C13BF; box-shadow:4px 4px 4px  
4px #5C13BF }
```

Background

The CSS property to change the background color of an element to Hex 5C13BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C13BF }
```

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

```
.background{ background-color:#5C13BF }
```

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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