

Converting Colors

Hex(5130BA)

Have a look what the booklet for
Hex(5130BA) contains.

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Color

Hex(5130BA)

Conversions

Conversions Part 1

Format	Color
Hex	5130BA
RGB	81, 48, 186
RGB Percent	32%, 19%, 73%
CMY	0.6824, 0.8118, 0.2706
CMYK	0.56, 0.74, 0.00, 0.27
HSL	254°, 59%, 46%
HSV	254°, 74%, 73%
XYZ	13.3132, 7.4084, 47.1827
YIQ	73.5990, -24.6300, 49.9140

Conversions

Conversions Part 2

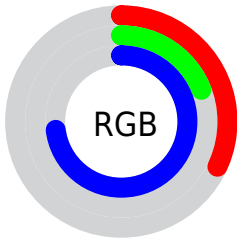
Format	Color
R _Y B	81, 48, 186
Decimal	5320890
CIE Lab	32.72, 49.67, -67.35
CIE LCh	33, 83.684, 306.410
Yxy	7.4084, 0.1961, 0.1091
Android (android.graphics.Color)	4283510970 (0xFF5130BA)
YUV	73.5990, 55.4137, 6.4907
Hunter-Lab	27.2184, 39.6768, -83.7254

Details

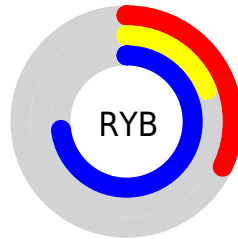
The Hex color **5130BA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **99BA30**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8D62F3**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **431DBA**, and if you desaturate by 10%, it is **5F43BA**.

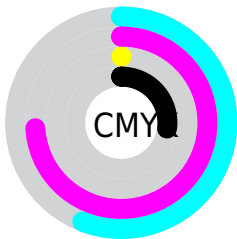
Distribution



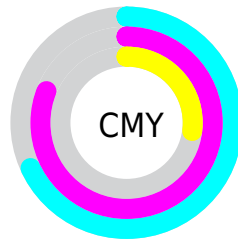
- Red (32%)
- Green (19%)
- Blue (73%)



- Red (32%)
- Yellow (19%)
- Blue (73%)



- Cyan (56%)
- Magenta (74%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (81%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5130BA 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 5130BA by changing the saturation by 10% instead.

■ 5130BA

■ 5130BA

FFFFFF

■ 30179E

■ 8D62F3

■ 000083

■ AA7CFF

■ 000069

■ C796FF

■ 000050

■ E5B1FF

■ 000538

■ FFCDFE

■ 000222

■ FFEAFF

■ 000007

■ 000000

■ 5130BA

■ 5130BA

■ 431DBA

■ 5F43BA

■ 350BBA

■ 6D55BA

■ 2C00BA

■ 7B68BA

■ 8A7ABA

■ 988DBA

■ A6A0BA

■ B4B2BA

■ C2C5BA

■ D0D7BA

Harmonies

Analogous

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



0054D4



5130BA



A10083

Triad

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



5130BA



873300



00645A

Complementary

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



5130BA



99BA30

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.



00620E



5130BA



525000

Square

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



5130BA



AB0000



005D00



00659B

Rectangle

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



5130BA



B50058



005D00



006443

Sweetspot

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



5130BA



CABDF2



309ABA



625B7A



FAFAFA



7A7A7A

Same Dimension

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



5130BA



4E1BF2



9530BA



55535C



25009C



07001C

Inverse Universe

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



BA3099



F21BBF



55BA30



5C535A



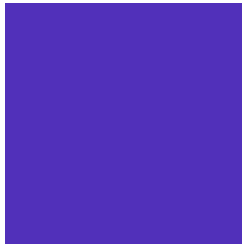
9C0076



1C0015

Previews

White Background



This preview shows how the Hex color 5130BA 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

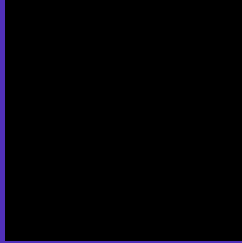
Any Text WCAG AA × Fail

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 5130BA Background



This preview shows how black text looks on a background with the Hex color 5130BA.

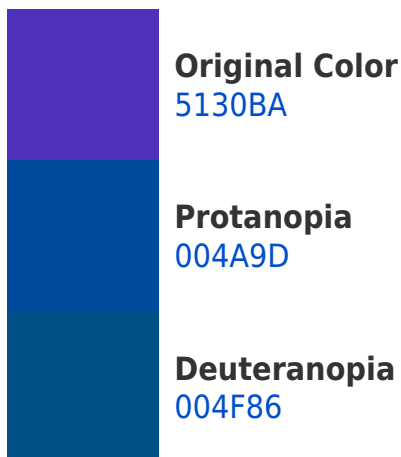


This preview shows how white text looks on a background with the Hex color 5130BA.

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](#).

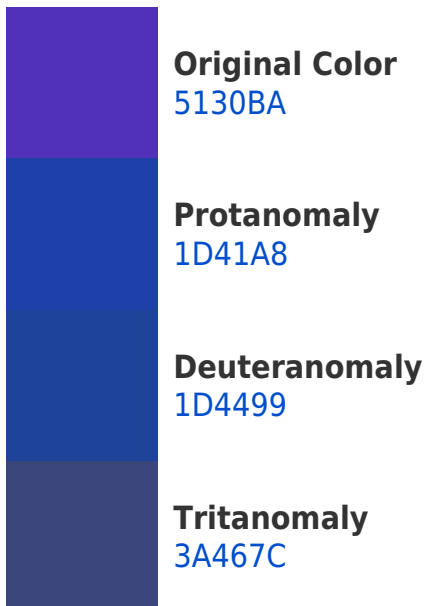
Dichromacy



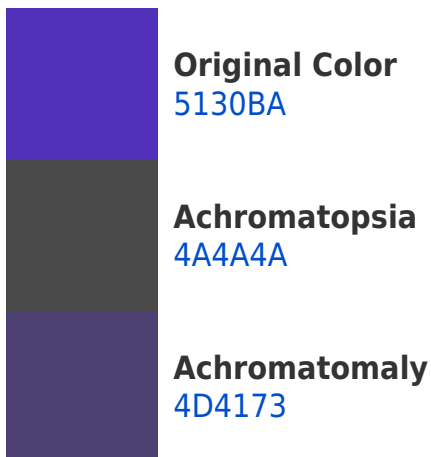


Tritanopia
2D5359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5130BA 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 #5130BA looks like.

```
.text, #text, p{  
    color:#5130BA  
}
```

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 #5130BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5130BA
}
```

Border

The CSS property to change the border of an element to Hex 5130BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

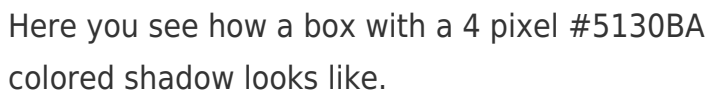
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5130BA }
```

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

```
.border{ border-color:#5130BA }
```

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



Here you see how a box with a 4 pixel #5130BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5130BA; -webkit-box-shadow:4px 4px  
4px 4px #5130BA; box-shadow:4px 4px 4px  
4px #5130BA }
```

Background

The CSS property to change the background color of an element to Hex 5130BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5130BA }
```

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

```
.background{ background-color:#5130BA }
```

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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