

# Converting Colors

Hex(5143BC)

Have a look what the booklet for  
Hex(5143BC) contains.

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# Color

Hex(5143BC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5143BC
RGB	81, 67, 188
RGB Percent	32%, 26%, 74%
CMY	0.6824, 0.7373, 0.2627
CMYK	0.57, 0.64, 0.00, 0.26
HSL	247°, 47%, 50%
HSV	247°, 64%, 74%
XYZ	14.4776, 9.3945, 48.6272
YIQ	84.9800, -30.4970, 40.5990

# Conversions

## Conversions Part 2

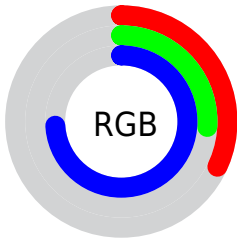
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 67, 188
Decimal	5325756
CIE <sub>Lab</sub>	36.73, 39.73, -61.96
CIE <sub>LCh</sub>	37, 73.601, 302.671
Yxy	9.3945, 0.1997, 0.1296
Android (android.graphics.Color)	4283515836 (0xFF5143BC)
YUV	84.9800, 50.7889, -3.4905
Hunter-Lab	30.6504, 30.6755, -72.6089

# Details

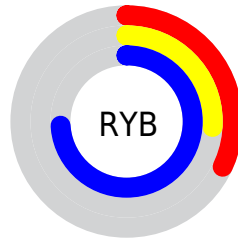
The Hex color **5143BC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AEBC43**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8C74F5**, and **001686** is the 20% darker color. If you saturate the color by 10%, you get **4030BC**, and if you desaturate by 10%, it is **6256BC**.

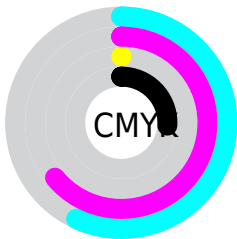
# Distribution



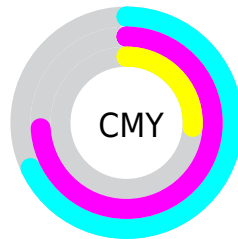
- Red (32%)
- Green (26%)
- Blue (74%)



- Red (32%)
- Yellow (26%)
- Blue (74%)



- Cyan (57%)
- Magenta (64%)
- Yellow (0%)
- Black (26%)



- Cyan (68%)
- Magenta (74%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5143BC 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 5143BC by changing the saturation by 10% instead.



■ 5143BC

■ 5143BC

FFFFFF

■ 312CA0

■ 8C74F5

■ 001686

■ A98EFF

■ 00026B

■ C6A9FF

■ 000052

■ E4C4FF

■ 00063A

■ FFE0FF

■ 000224

■ FFFDFF

■ 00000B

■ 000000

■ 5143BC

■ 5143BC

■ 4030BC

■ 6256BC

■ 301DBC

■ 7269BC

■ 1F0BBC

■ 837BBC

■ 1600BC

■ 938EBC

■ A4A1BC

■ B5B4BC

■ C5C7BC

■ D6D9BC

■ E7ECBC

# Harmonies

## Analogous

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



005ECF



5143BC



9E088E

# Triad

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



5143BC



943C00



006D5A

# Complementary

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



5143BC



AEBC43

# 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.



006B19



5143BC



665600

# Square

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



5143BC



B2001A



246400



006E96

# Rectangle

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



5143BC



B40068



246400



006D45



# Sweetspot

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



5143BC



CCC6F5



43B0BC



625E7A



FAFAFA



7A7A7A



# Same Dimension

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



5143BC



4E38F5



8C43BC



56555E



12009E



04001F



# Inverse Universe

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



BC43AE



F538DF



73BC43



5E555D



9E008C

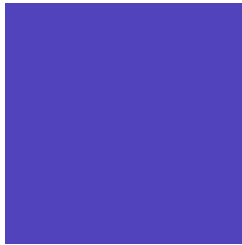


1F001B



# Previews

## White Background



This preview shows how the Hex color 5143BC 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

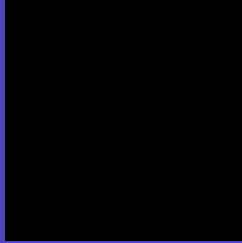
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5143BC Background



This preview shows how black text looks on a background with the Hex color 5143BC.



This preview shows how white text looks on a background with the Hex color 5143BC.

# 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**  
5143BC



**Protanomaly**  
1D4DB4



**Deuteranomaly**  
1D50A5



**Tritanomaly**  
3B5485

# Monochromacy



**Original Color**  
5143BC



**Achromatopsia**  
555555



**Achromatomaly**  
544E7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5143BC 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 #5143BC looks like.

```
.text, #text, p{  
    color:#5143BC  
}
```

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 #5143BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5143BC
}
```

## Border

The CSS property to change the border of an element to Hex 5143BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

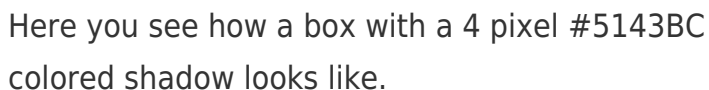
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5143BC }
```

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

```
.border{ border-color:#5143BC }
```

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



Here you see how a box with a 4 pixel #5143BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5143BC; -webkit-box-shadow:4px 4px  
4px 4px #5143BC; box-shadow:4px 4px 4px  
4px #5143BC }
```

# Background

The CSS property to change the background color of an element to Hex 5143BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5143BC }
```

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

```
.background{ background-color:#5143BC }
```

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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