

Converting Colors

Hex(5243B9)

Have a look what the booklet for
Hex(5243B9) contains.

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Color

Hex(5243B9)

Conversions

Conversions Part 1

Format	Color
Hex	5243B9
RGB	82, 67, 185
RGB Percent	32%, 26%, 73%
CMY	0.6784, 0.7373, 0.2745
CMYK	0.56, 0.64, 0.00, 0.27
HSL	248°, 47%, 49%
HSV	248°, 64%, 73%
XYZ	14.2438, 9.3109, 46.9454
YIQ	84.9370, -28.9380, 39.8780

Conversions

Conversions Part 2

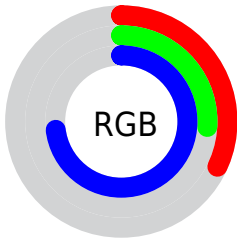
Format	Color
R_{YB}	82, 67, 185
Decimal	5391289
CIE _{Lab}	36.58, 38.96, -60.44
CIE _{LCh}	37, 71.912, 302.805
Yxy	9.3109, 0.2020, 0.1321
Android (android.graphics.Color)	4283581369 (0xFF5243B9)
YUV	84.9370, 49.3311, -2.5757
Hunter-Lab	30.5138, 29.9242, -69.8578

Details

The Hex color **5243B9** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AAB943**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8C74F2**, and **021683** is the 20% darker color. If you saturate the color by 10%, you get **4231B9**, and if you desaturate by 10%, it is **6256B9**.

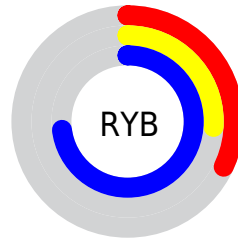
Distribution



Red (32%)

Green (26%)

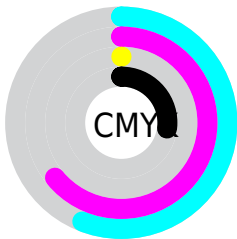
Blue (73%)



Red (32%)

Yellow (26%)

Blue (73%)

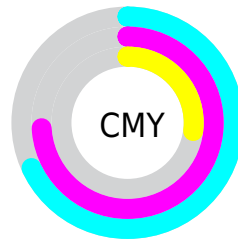


Cyan (56%)

Magenta (64%)

Yellow (0%)

Black (27%)



Cyan (68%)

Magenta (74%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5243B9 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 5243B9 by changing the saturation by 10% instead.

■ 5243B9

■ 5243B9

FFFFFF

■ 332C9E

■ 8C74F2

■ 021683

■ A98EFF

■ 000269

■ C6A9FF

■ 000050

■ E4C4FF

■ 000538

■ FFE0FF

■ 000221

■ FFFDFF

■ 000007

■ 000000

■ 5243B9

■ 5243B9

■ 4231B9

■ 6256B9

■ 321EB9

■ 7268B9

■ 220CB9

■ 827BB9

■ 1800B9

■ 938DB9

■ A3A0B9

■ B3B2B9

■ C3C5B9

■ D3D7B9

■ E3EAB9

Harmonies

Analogous

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



005DCC



5243B9



9C0E8C

Triad

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



5243B9



923D00



006D5A

Complementary

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



5243B9



AAB943

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.



006A1A



5243B9



655600

Square

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



5243B9



AF041B



256300



006D94

Rectangle

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



5243B9



B10067



256300



006C46

Sweetspot

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



5243B9



C8C2F0



43ABB9



605C78



F7F7F7



787878

Same Dimension

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



5243B9



4F37F0



8C43B9



54535C



14009C



04001C

Inverse Universe

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



B943AA



F037D8



70B943



5C535B



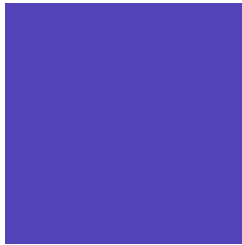
9C0088



1C0018

Previews

White Background



This preview shows how the Hex color 5243B9 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

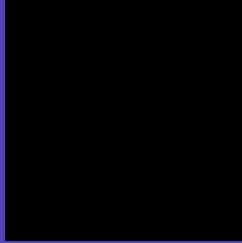
Any Text WCAG AA × Fail

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 5243B9 Background



This preview shows how black text looks on a background with the Hex color 5243B9.

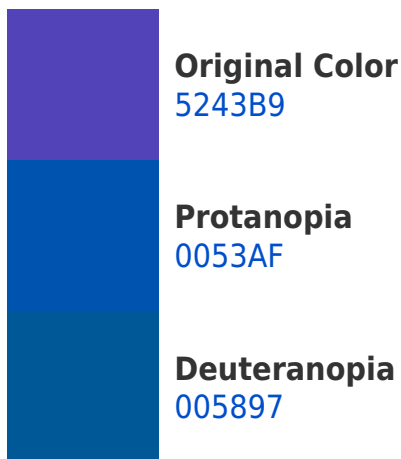



This preview shows how white text looks on a background with the Hex color 5243B9.

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
335C64

Trichromacy



Original Color
5243B9

Protanomaly
1E4DB3

Deuteranomaly
1E50A3

Tritanomaly
3E5383

Monochromacy



Original Color
5243B9

Achromatopsia
555555

Achromatomaly
544E79

CSS Examples

Text

The CSS property to change the color of the text to Hex 5243B9 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 #5243B9 looks like.

```
.text, #text, p{  
    color:#5243B9  
}
```

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 #5243B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5243B9
}
```

Border

The CSS property to change the border of an element to Hex 5243B9 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
#5243B9 }
```

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

```
.border{ border-color:#5243B9 }
```

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

Here you see how a box with a 4 pixel #5243B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5243B9; -webkit-box-shadow:4px 4px  
4px 4px #5243B9; box-shadow:4px 4px 4px  
4px #5243B9 }
```

Background

The CSS property to change the background color of an element to Hex 5243B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5243B9 }
```

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

```
.background{ background-color:#5243B9 }
```

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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