

# Converting Colors

Hex(5242BA)

Have a look what the booklet for  
Hex(5242BA) contains.

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# Color

Hex(5242BA)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5242BA
RGB	82, 66, 186
RGB Percent	32%, 26%, 73%
CMY	0.6784, 0.7412, 0.2706
CMYK	0.56, 0.65, 0.00, 0.27
HSL	248°, 48%, 49%
HSV	248°, 65%, 73%
XYZ	14.2908, 9.2354, 47.4838
YIQ	84.4640, -28.9840, 40.7120

# Conversions

## Conversions Part 2

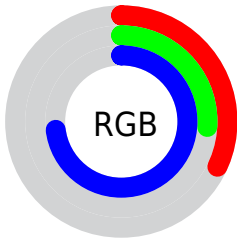
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 66, 186
Decimal	5391034
CIE <sub>Lab</sub>	36.43, 39.87, -61.26
CIE <sub>LCh</sub>	36, 73.094, 303.054
Yxy	9.2354, 0.2013, 0.1301
Android (android.graphics.Color)	4283581114 (0xFF5242BA)
YUV	84.4640, 50.0572, -2.1609
Hunter-Lab	30.3899, 30.7573, -71.3670

# Details

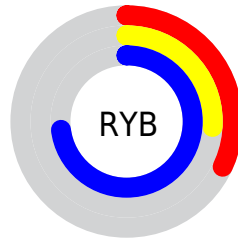
The Hex color **5242BA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AABA42**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8C73F3**, and **001584** is the 20% darker color. If you saturate the color by 10%, you get **422FBA**, and if you desaturate by 10%, it is **6255BA**.

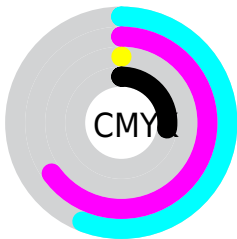
# Distribution



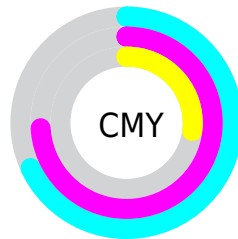
- Red (32%)
- Green (26%)
- Blue (73%)



- Red (32%)
- Yellow (26%)
- Blue (73%)



- Cyan (56%)
- Magenta (65%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (74%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5242BA 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 5242BA by changing the saturation by 10% instead.



■ 5242BA

■ 5242BA

FFFFFF

■ 322B9E

■ 8C73F3

■ 001584

■ A98DFF

■ 00016A

■ C7A8FF

■ 000051

■ E4C3FF

■ 000539

■ FFDFFF

■ 000222

■ FFFCFF

■ 000008

■ 000000

■ 5242BA

■ 5242BA

■ 422FBA

■ 6255BA

■ 321DBA

■ 7267BA

■ 220ABA

■ 827ABA

■ 1900BA

■ 928CBA

■ A39FBA

■ B3B2BA

■ C3C4BA

■ D3D7BA

■ E3E9BA

# Harmonies

## Analogous

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



005DCE



5242BA



9D078C

# Triad

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



5242BA



923C00



006D5A

# Complementary

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



5242BA



AABA42

# 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.



006A19



5242BA



645600

# Square

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



5242BA



B00019



236300



006D95

# Rectangle

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



5242BA



B20066



236300



006C46



# Sweetspot

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



5242BA



CAC4F2



42AABA



625E7A



FAFAFA



7A7A7A



# Same Dimension

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



5242BA



5138F2



8E42BA



54535C



15009C



04001C



# Inverse Universe

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



BA42AA



F238D9



6EBA42



5C535B



9C0087

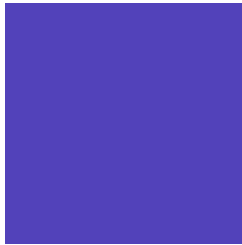


1C0018



# Previews

## White Background



This preview shows how the Hex color 5242BA looks on a white background.

## Color Contrast Check

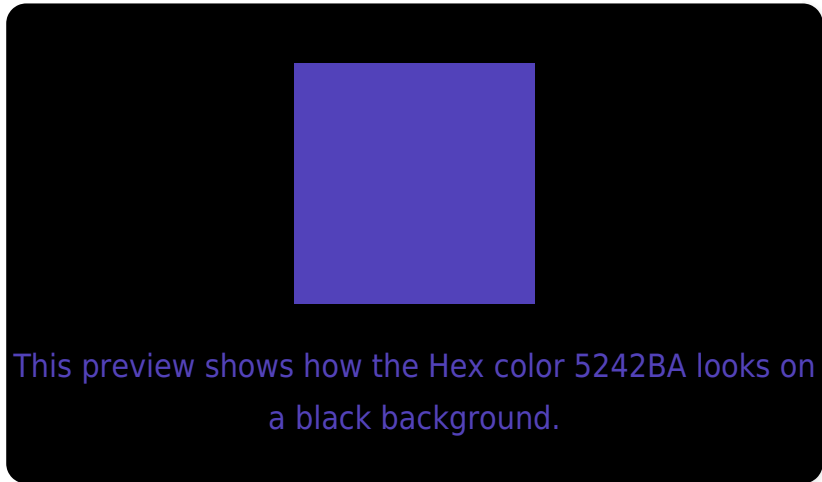
Large Text (above 18pt) WCAG AA ✓ Pass

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 5242BA Background



This preview shows how black text looks on a background with the Hex color 5242BA.

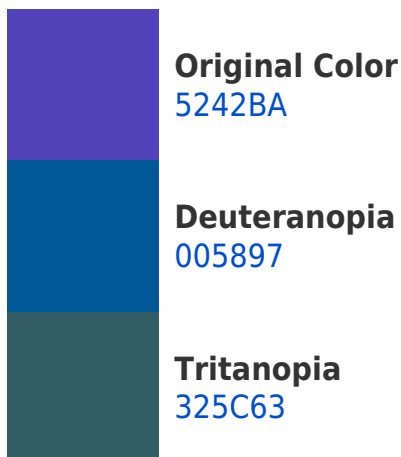


This preview shows how white text looks on a background with the Hex color 5242BA.

# 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**  
5242BA

**Deuteranomaly**  
1E50A4

**Tritanomaly**  
3E5383

# Monochromacy



**Original Color**  
5242BA

**Achromatopsia**  
545454

**Achromatomaly**  
534D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5242BA 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 #5242BA looks like.

```
.text, #text, p{  
    color:#5242BA  
}
```

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 #5242BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5242BA
}
```

## Border

The CSS property to change the border of an element to Hex 5242BA 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".

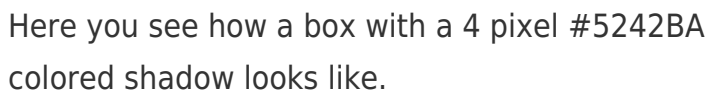
```
.border, #border, table{ border:4px solid
#5242BA }
```

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

```
.border{ border-color:#5242BA }
```

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

Here you see how a box with a 4 pixel #5242BA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5242BA; -webkit-box-shadow:4px 4px  
4px 4px #5242BA; box-shadow:4px 4px 4px  
4px #5242BA }
```

# Background

The CSS property to change the background color of an element to Hex 5242BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5242BA }
```

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

```
.background{ background-color:#5242BA }
```

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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