

# Converting Colors

Hex(5154AB)

Have a look what the booklet for  
Hex(5154AB) contains.

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# Color

**Hex(5154AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5154AB
RGB	81, 84, 171
RGB Percent	32%, 33%, 67%
CMY	0.6824, 0.6706, 0.3294
CMYK	0.53, 0.51, 0.00, 0.33
HSL	238°, 36%, 49%
HSV	238°, 53%, 67%
XYZ	13.9143, 11.0303, 39.9238
YIQ	93.0210, -29.7150, 26.4210

# Conversions

## Conversions Part 2

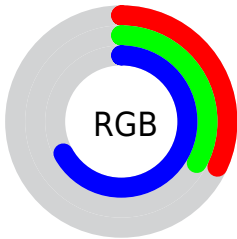
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 84, 171
Decimal	5330091
CIE <sub>Lab</sub>	39.63, 23.73, -47.23
CIE <sub>LCh</sub>	40, 52.858, 296.674
Yxy	11.0303, 0.2145, 0.1700
Android (android.graphics.Color)	4283520171 (0xFF5154AB)
YUV	93.0210, 38.4436, -10.5424
Hunter-Lab	33.2118, 16.6633, -48.0239

# Details

The Hex color **5154AB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ABA851**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8885E3**, and **112776** is the 20% darker color. If you saturate the color by 10%, you get **4043AB**, and if you desaturate by 10%, it is **6265AB**.

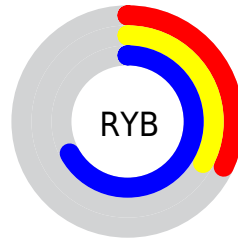
# Distribution



Red (32%)

Green (33%)

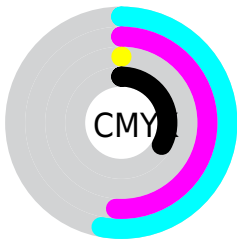
Blue (67%)



Red (32%)

Yellow (33%)

Blue (67%)

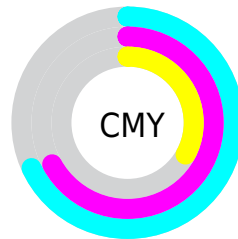


Cyan (53%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (67%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5154AB 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 5154AB by changing the saturation by 10% instead.



■ 5154AB

■ 5154AB

FFFFFF

■ 343D90

■ 8885E3

■ 112776

■ A4A0FF

■ 00135D

■ C1BBFF

■ 000045

■ DED6FF

■ 00032D

■ FBF3FF

■ 000118

■ 000000

■ 5154AB

■ 5154AB

■ 4043AB

■ 6265AB

■ 2F33AB

■ 7375AB

■ 1E22AB

■ 8486AB

■ 0D12AB

■ 9596AB

■ 0006AB

■ A6A7AB

■ B8B7AB

■ C9C8AB

■ DAD8AB

■ EBE9AB

# Harmonies

## Analogous

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



0064B4



5154AB



8C3F8D

# Triad

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



5154AB



954811



007057

# Complementary

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



5154AB



ABA851

# 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.



006D2B



5154AB



755A00

# Square

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



5154AB



A7343A



4B6600



007183

# Rectangle

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



5154AB



A03272



4B6600



007048



# Sweetspot

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



5154AB



BABCDE



51ABA8



5B5C70



F0F0F0



707070



# Same Dimension

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



5154AB



5257DE



7B51AB



4E4E57



000596



000117



# Inverse Universe

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



AB5154



DE5257



81AB51



574E4E



960005

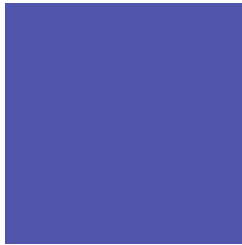


170001



# Previews

## White Background



This preview shows how the Hex color 5154AB looks on a white background.

## Color Contrast Check

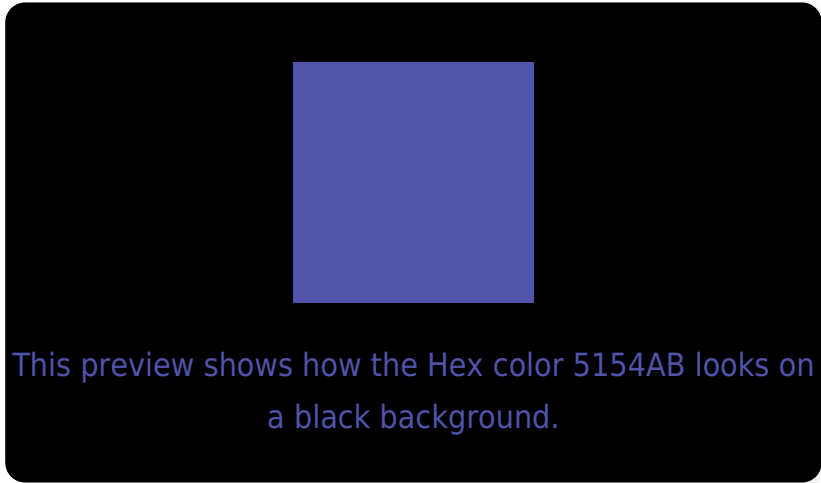
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

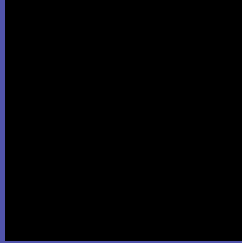
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5154AB Background



This preview shows how black text looks on a background with the Hex color 5154AB.

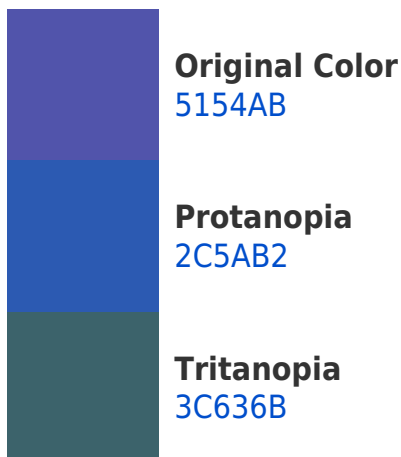


This preview shows how white text looks on a background with the Hex color 5154AB.

# 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**  
5154AB

**Protanomaly**  
3958AF

**Tritanomaly**  
445E82

# Monochromacy



**Original Color**  
5154AB

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
595A79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5154AB 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 #5154AB looks like.

```
.text, #text, p{  
    color:#5154AB  
}
```

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 #5154AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5154AB
}
```

## Border

The CSS property to change the border of an element to Hex 5154AB 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".

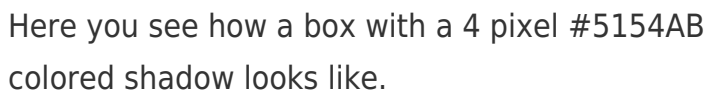
```
.border, #border, table{ border:4px solid
#5154AB }
```

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

```
.border{ border-color:#5154AB }
```

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

Here you see how a box with a 4 pixel #5154AB 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 #5154AB; -webkit-box-shadow:4px 4px  
4px 4px #5154AB; box-shadow:4px 4px 4px  
4px #5154AB }
```

# Background

The CSS property to change the background color of an element to Hex 5154AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5154AB }
```

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

```
.background{ background-color:#5154AB }
```

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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