

# Converting Colors

Hex(541EAB)

Have a look what the booklet for  
Hex(541EAB) contains.

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# Color

**Hex(541EAB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	541EAB
RGB	84, 30, 171
RGB Percent	33%, 12%, 67%
CMY	0.6706, 0.8824, 0.3294
CMYK	0.51, 0.82, 0.00, 0.33
HSL	263°, 70%, 39%
HSV	263°, 82%, 67%
XYZ	11.4711, 5.7536, 39.0340
YIQ	62.2200, -13.0770, 55.2990

# Conversions

## Conversions Part 2

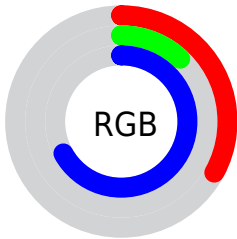
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 30, 171
Decimal	5512875
CIE <sub>Lab</sub>	28.78, 54.07, -64.87
CIE <sub>LCh</sub>	29, 84.444, 309.811
Yxy	5.7536, 0.2039, 0.1023
Android (android.graphics.Color)	4283702955 (0xFF541EAB)
YUV	62.2200, 53.6285, 19.1011
Hunter-Lab	23.9867, 43.3868, -79.6929

# Details

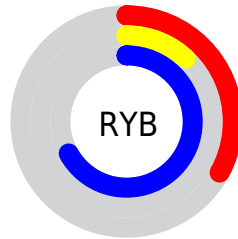
The Hex color **541EAB** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **75AB1E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8E52E3**, and **0A0075** is the 20% darker color. If you saturate the color by 10%, you get **490DAB**, and if you desaturate by 10%, it is **5F2FAB**.

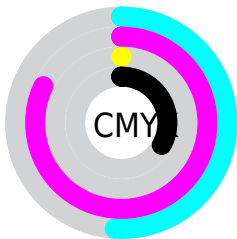
# Distribution



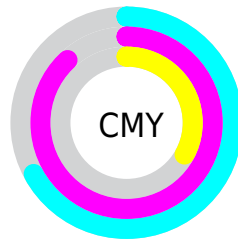
- Red (33%)
- Green (12%)
- Blue (67%)



- Red (33%)
- Yellow (12%)
- Blue (67%)



- Cyan (51%)
- Magenta (82%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (88%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 541EAB 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 541EAB by changing the saturation by 10% instead.



■ 541EAB

■ 541EAB

FFFFFF

■ 350090

■ 8E52E3

■ 0A0075

■ AB6CFF

■ 00005C

■ C987FF

■ 000343

■ E6A2FF

■ 00032C

■ FFBEFF

■ 000116

■ FFDAFF

■ 000000

■ FFF7FF

■ 541EAB

■ 541EAB

■ 490DAB

■ 5F2FAB

■ 4100AB

■ 6940AB

■ 7451AB

■ 7E62AB

■ 8973AB

■ 9385AB

■ 9E96AB

■ A8A7AB

■ B3B8AB

# Harmonies

## Analogous

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



0048C9



541EAB



9B0073

# Triad

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



541EAB



762E00



005A59

# Complementary

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



541EAB



75AB1E

# 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.



00580F



541EAB



404900

# Square

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



541EAB



9C0000



005400



005B98

# Rectangle

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



541EAB



AB0048



005400



005A42



# Sweetspot

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



541EAB



BCA6DE



1E77AB



5B4F70



F0F0F0



707070



# Same Dimension

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



541EAB



5602DE



981EAB



514E57



3A0096



090017



# Inverse Universe

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



AB1E75



DE028A



31AB1E



574E53



96005D

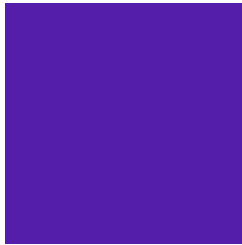


17000E



# Previews

## White Background



This preview shows how the Hex color 541EAB 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

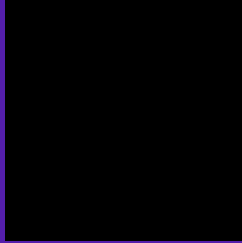
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 541EAB Background



This preview shows how black text looks on a background with the Hex color 541EAB.



This preview shows how white text looks on a background with the Hex color 541EAB.

# 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](#).

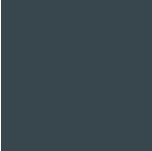
## Dichromacy



**Original Color**  
541EAB

**Protanopia**  
00428B

**Deuteranopia**  
004777



**Tritanopia**  
38474D

# Trichromacy



**Original Color**  
541EAB



**Protanomaly**  
1F3597



**Deuteranomaly**  
1F388A



**Tritanomaly**  
42386F

# Monochromacy



**Original Color**  
541EAB



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
463266

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 541EAB 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 #541EAB looks like.

```
.text, #text, p{  
    color:#541EAB  
}
```

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 #541EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #541EAB
}
```

## Border

The CSS property to change the border of an element to Hex 541EAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

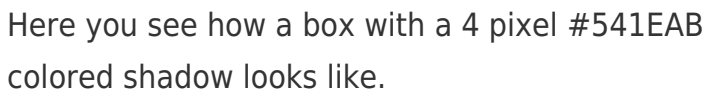
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#541EAB }
```

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

```
.border{ border-color:#541EAB }
```

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



Here you see how a box with a 4 pixel #541EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #541EAB; -webkit-box-shadow:4px 4px  
4px 4px #541EAB; box-shadow:4px 4px 4px  
4px #541EAB }
```

# Background

The CSS property to change the background color of an element to Hex 541EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#541EAB }
```

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

```
.background{ background-color:#541EAB }
```

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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