

Converting Colors

Hex(5415B5)

Have a look what the booklet for
Hex(5415B5) contains.

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Color

Hex(5415B5)

Conversions

Conversions Part 1

Format	Color
Hex	5415B5
RGB	84, 21, 181
RGB Percent	33%, 8%, 71%
CMY	0.6706, 0.9176, 0.2902
CMYK	0.54, 0.88, 0.00, 0.29
HSL	264°, 79%, 40%
HSV	264°, 88%, 71%
XYZ	12.2648, 5.7573, 44.1809
YIQ	58.0770, -13.8120, 63.1160

Conversions

Conversions Part 2

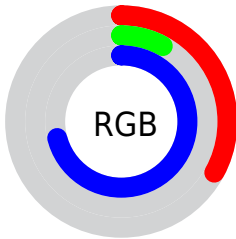
Format	Color
R _Y B	84, 21, 181
Decimal	5510581
CIE Lab	28.79, 59.60, -70.84
CIE LCh	29, 92.573, 310.074
Yxy	5.7573, 0.1972, 0.0926
Android (android.graphics.Color)	4283700661 (0xFF5415B5)
YUV	58.0770, 60.6010, 22.7345
Hunter-Lab	23.9945, 49.2503, -92.3743

Details

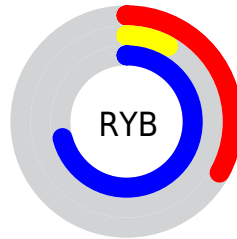
The Hex color **5415B5** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **76B515**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **904DEE**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **4903B5**, and if you desaturate by 10%, it is **5F27B5**.

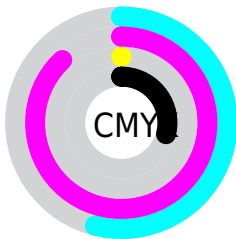
Distribution



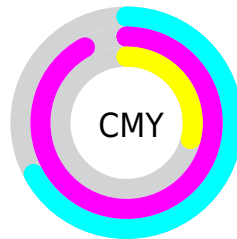
- Red (33%)
- Green (8%)
- Blue (71%)



- Red (33%)
- Yellow (8%)
- Blue (71%)



- Cyan (54%)
- Magenta (88%)
- Yellow (0%)
- Black (29%)



- Cyan (67%)
- Magenta (92%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5415B5 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 5415B5 by changing the saturation by 10% instead.

■ 5415B5

■ 5415B5

FFFFFF

■ 330099

■ 904DEE

■ 00007F

■ AD68FF

■ 000065

■ CB82FF

■ 00004C

■ E99EFF

■ 000434

■ FFBAFF

■ 00021E

■ FFD6FF

■ 000000

■ FFF3FF

■ 5415B5

■ 5415B5

4903B5

5F27B5

4700B5

6A39B5

754BB5

805DB5

8B70B5

9682B5

A194B5

ACA6B5

B7B8B5

Harmonies

Analogous

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



0049D7



5415B5



A30076

Triad

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



5415B5



792B00



005B5C

Complementary

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



5415B5



76B515

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.



005908



5415B5



3E4900

Square

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



5415B5



A30000



005500



005DA1

Rectangle

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



5415B5



B40048



005500



005A42

Sweetspot

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



5415B5



C4ABEB



1578B5



5F5075



F5F5F5



757575

Same Dimension

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



5415B5



5C00EB



A215B5



545059



3C0099



0A001A

Inverse Universe

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



B51576



EB008E



28B515



595056



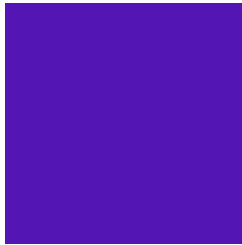
99005D



1A000F

Previews

White Background



This preview shows how the Hex color 5415B5 looks on a white background.

Color Contrast Check

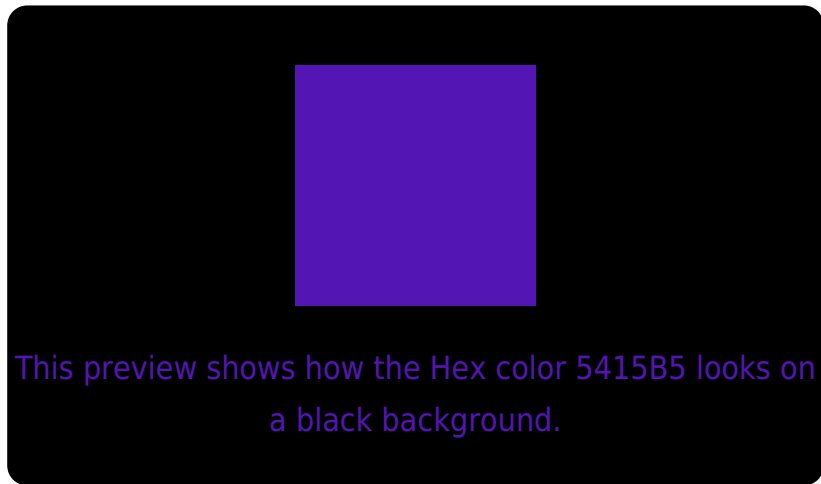
Large Text (above 18pt) WCAG AA ✓ Pass

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

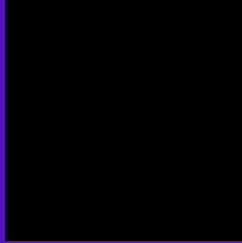
Any Text WCAG AA × Fail

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 5415B5 Background



This preview shows how black text looks on a background with the Hex color 5415B5.

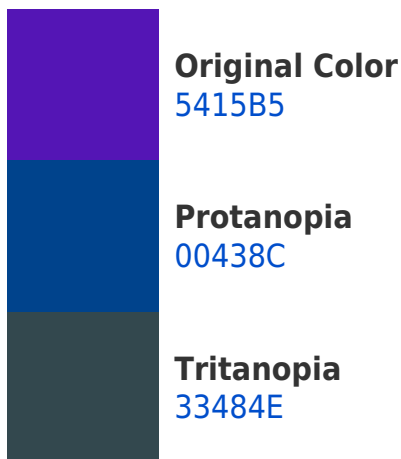


This preview shows how white text looks on a background with the Hex color 5415B5.

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
5415B5

Protanomaly
1F329B

Tritanomaly
3F3573

Monochromacy



Original Color
5415B5

Achromatopsia
3A3A3A

Achromatomaly
432D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 5415B5 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 #5415B5 looks like.

```
.text, #text, p{  
    color:#5415B5  
}
```

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 #5415B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5415B5
}
```

Border

The CSS property to change the border of an element to Hex 5415B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

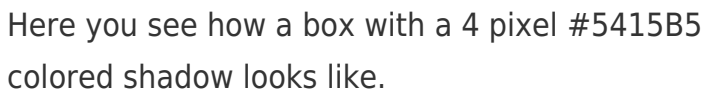
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5415B5 }
```

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

```
.border{ border-color:#5415B5 }
```

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



Here you see how a box with a 4 pixel #5415B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5415B5; -webkit-box-shadow:4px 4px  
4px 4px #5415B5; box-shadow:4px 4px 4px  
4px #5415B5 }
```

Background

The CSS property to change the background color of an element to Hex 5415B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5415B5 }
```

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

```
.background{ background-color:#5415B5 }
```

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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