

Converting Colors

Hex(5238B5)

Have a look what the booklet for
Hex(5238B5) contains.

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Color

Hex(5238B5)

Conversions

Conversions Part 1

Format	Color
Hex	5238B5
RGB	82, 56, 181
RGB Percent	32%, 22%, 71%
CMY	0.6784, 0.7804, 0.2902
CMYK	0.55, 0.69, 0.00, 0.29
HSL	252°, 53%, 46%
HSV	252°, 69%, 71%
XYZ	13.2343, 7.9584, 44.5547
YIQ	78.0240, -24.6290, 44.3870

Conversions

Conversions Part 2

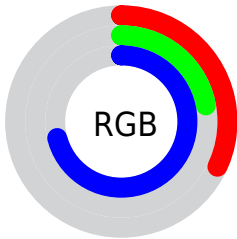
Format	Color
R_{YB}	82, 56, 181
Decimal	5388469
CIE _{Lab}	33.90, 44.08, -62.45
CIE _{LCh}	34, 76.446, 305.217
Y _{xy}	7.9584, 0.2013, 0.1210
Android (android.graphics.Color)	4283578549 (0xFF5238B5)
Y_{UV}	78.0240, 50.7672, 3.4870
Hunter-Lab	28.2106, 34.3705, -73.8927

Details

The Hex color **5238B5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9BB538**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8C69EE**, and **02087F** is the 20% darker color. If you saturate the color by 10%, you get **4426B5**, and if you desaturate by 10%, it is **604AB5**.

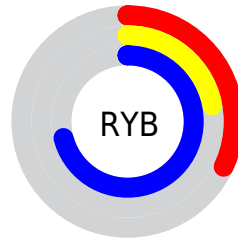
Distribution



Red (32%)

Green (22%)

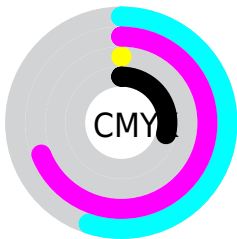
Blue (71%)



Red (32%)

Yellow (22%)

Blue (71%)

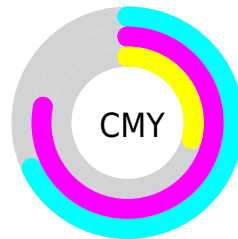


Cyan (55%)

Magenta (69%)

Yellow (0%)

Black (29%)



Cyan (68%)

Magenta (78%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5238B5 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 5238B5 by changing the saturation by 10% instead.

 5238B5

 5238B5

FFFFFF

 33209A

 8C69EE

 02087F

 A983FF

 000065

 C69DFF

 00004C

 E4B9FF

 000434

 FFD5FF

 00021E

 FFF1FF

 000001

 000000

 5238B5

 5238B5

■ 4426B5

■ 604AB5

■ 3514B5

■ 6F5CB5

■ 2702B5

■ 7D6EB5

■ 2600B5

■ 8B80B5

■ 9A93B5

■ A8A5B5

■ B6B7B5

■ C5C9B5

■ D3DBB5

Harmonies

Analogous

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



0056CC



5238B5



9C0084

Triad

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



5238B5



893700



006659

Complementary

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



5238B5



9BB538

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.



006415



5238B5



595100

Square

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



5238B5



A9000B



035E00



006795

Rectangle

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



5238B5



B0005C



035E00



006644

Sweetspot

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



5238B5



C4B9EB



389CB5



5E5875



F5F5F5



757575

Same Dimension

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



5238B5



5028EB



9038B5



525059



200099



05001A

Inverse Universe

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



B5389B



EB28C2



5EB538



595057



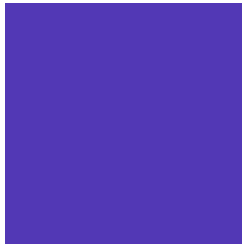
990079



1A0014

Previews

White Background



This preview shows how the Hex color 5238B5 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

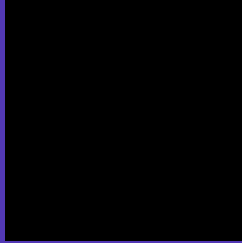
Any Text WCAG AA × Fail

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 5238B5 Background



This preview shows how black text looks on a background with the Hex color 5238B5.

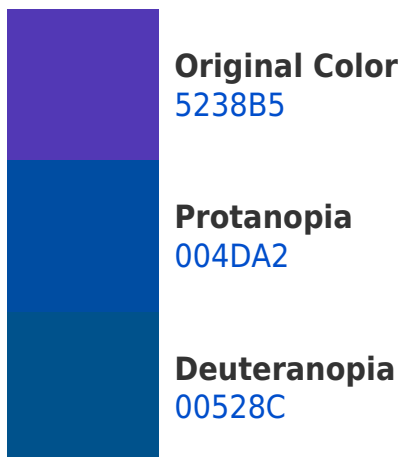


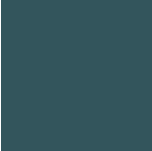
This preview shows how white text looks on a background with the Hex color 5238B5.

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
33555C

Trichromacy



Original Color
5238B5



Protanomaly
1E45A9



Deuteranomaly
1E499B



Tritanomaly
3E4A7C

Monochromacy



Original Color
5238B5



Achromatopsia
4E4E4E



Achromatomaly
4F4673

CSS Examples

Text

The CSS property to change the color of the text to Hex 5238B5 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 #5238B5 looks like.

```
.text, #text, p{  
    color:#5238B5  
}
```

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 #5238B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5238B5
}
```

Border

The CSS property to change the border of an element to Hex 5238B5 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".

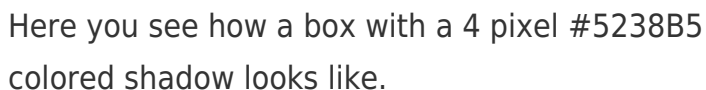
```
.border, #border, table{ border:4px solid
#5238B5 }
```

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

```
.border{ border-color:#5238B5 }
```

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

Here you see how a box with a 4 pixel #5238B5 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset in all directions, creating a 4px wide blue border around the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5238B5; -webkit-box-shadow:4px 4px  
4px 4px #5238B5; box-shadow:4px 4px 4px  
4px #5238B5 }
```

Background

The CSS property to change the background color of an element to Hex 5238B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5238B5 }
```

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

```
.background{ background-color:#5238B5 }
```

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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