

Converting Colors

Hex(5200B2)

Have a look what the booklet for
Hex(5200B2) contains.

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Color

Hex(5200B2)

Conversions

Conversions Part 1

Format	Color
Hex	5200B2
RGB	82, 0, 178
RGB Percent	32%, 0%, 70%
CMY	0.6784, 1.0000, 0.3020
CMYK	0.54, 1.00, 0.00, 0.30
HSL	268°, 100%, 35%
HSV	268°, 100%, 70%
XYZ	11.5156, 5.0082, 42.4792
YIQ	44.8100, -8.2660, 72.7420

Conversions

Conversions Part 2

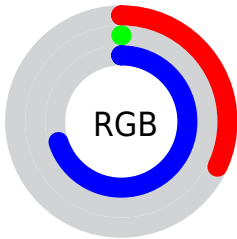
Format	Color
R_{YB}	82, 0, 178
Decimal	5374130
CIE _{Lab}	26.76, 63.11, -72.42
CIE _{LCh}	27, 96.059, 311.070
Yxy	5.0082, 0.1952, 0.0849
Android (android.graphics.Color)	4283564210 (0xFF5200B2)
YUV	44.8100, 65.6627, 32.6156
Hunter-Lab	22.3790, 52.6875, -96.8775

Details

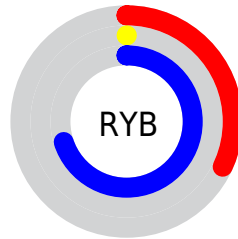
The Hex color **5200B2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **60B200**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8E43EB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **5200B2**, and if you desaturate by 10%, it is **5C12B2**.

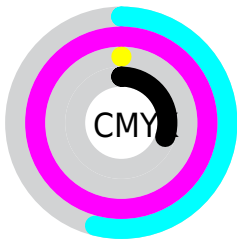
Distribution



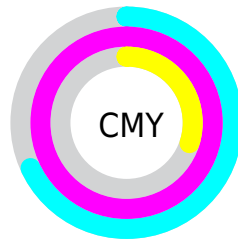
- Red (32%)
- Green (0%)
- Blue (70%)



- Red (32%)
- Yellow (0%)
- Blue (70%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (68%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5200B2 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 5200B2 by changing the saturation by 10% instead.

 5200B2

 5200B2

FFFFFF

 310096

 8E43EB

 00007C

 AC5EFF

 000062

 CA79FF

 000449

 E895FF

 000431

 FFB1FF

 00011B

 FFCDFD

 000000

 FFEAFF

 5200B2

 5C12B2

 6524B2

 6F35B2

 7847B2

 8259B2

 8C6BB2

 957DB2

 9F8EB2

 A8A0B2

Harmonies

Analogous

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



0045D6



5200B2



A10071

Triad

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



5200B2



722700



00565A

Complementary

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



5200B2



60B200

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.



005404



5200B2



354500

Square

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



5200B2



9E0000



005000



0058A2

Rectangle

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



5200B2



B10041



005000



005540

Sweetspot

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



5200B2



C3A2E8



0062B2



5F4B75



F5F5F5



757575

Same Dimension

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



5200B2



6B00E8



A900B2



545059



460099



0C001A

Inverse Universe

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



B20060



E8007D



09B200



595055



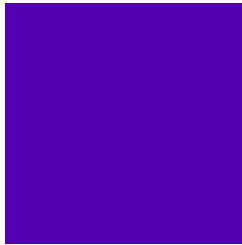
990053



1A000E

Previews

White Background



This preview shows how the Hex color 5200B2 looks on a white background.

Color Contrast Check

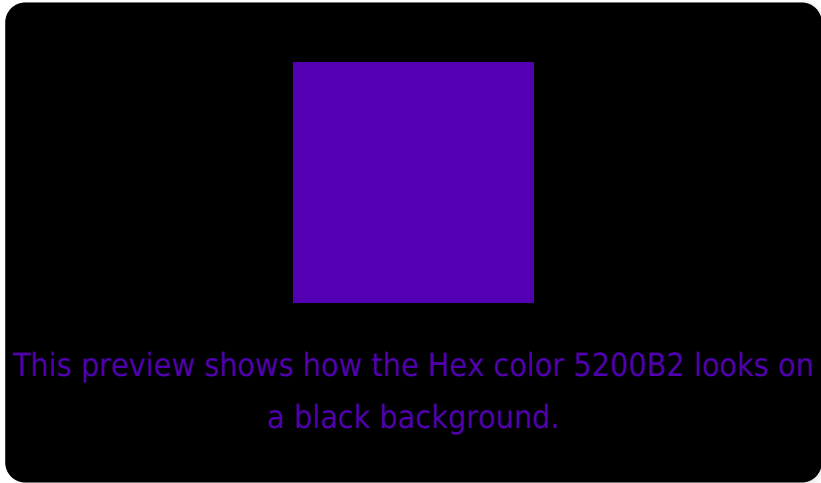
Large Text (above 18pt) WCAG AA ✓ Pass

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

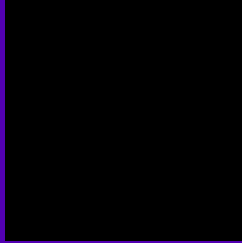
Any Text WCAG AA × Fail

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 5200B2 Background



This preview shows how black text looks on a background with the Hex color 5200B2.



This preview shows how white text looks on a background with the Hex color 5200B2.

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
5200B2

Protanopia
004086

Deuteranopia
004472



Tritanopia
30454B

Trichromacy



Original Color
5200B2

Protanomaly
1E2996

Deuteranomaly
1E2B89

Tritanomaly
3C2C70

Monochromacy



Original Color
5200B2

Achromatopsia
2D2D2D

Achromatomaly
3A1D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5200B2 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 #5200B2 looks like.

```
.text, #text, p{  
    color:#5200B2  
}
```

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 #5200B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5200B2
}
```

Border

The CSS property to change the border of an element to Hex 5200B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

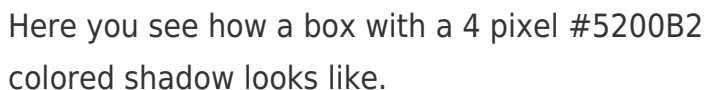
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5200B2 }
```

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

```
.border{ border-color:#5200B2 }
```

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



Here you see how a box with a 4 pixel #5200B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5200B2; -webkit-box-shadow:4px 4px  
4px 4px #5200B2; box-shadow:4px 4px 4px  
4px #5200B2 }
```

Background

The CSS property to change the background color of an element to Hex 5200B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5200B2 }
```

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

```
.background{ background-color:#5200B2 }
```

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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