

Converting Colors

Hex(5200A3)

Have a look what the booklet for
Hex(5200A3) contains.

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Color

Hex(5200A3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5200A3 |
| RGB | 82, 0, 163 |
| RGB Percent | 32%, 0%, 64% |
| CMY | 0.6784, 1.0000, 0.3608 |
| CMYK | 0.50, 1.00, 0.00, 0.36 |
| HSL | 270°, 100%, 32% |
| HSV | 270°, 100%, 64% |
| XYZ | 10.0905, 4.4382, 34.9752 |
| YIQ | 43.1000, -3.4510, 68.0770 |

Conversions

Conversions Part 2

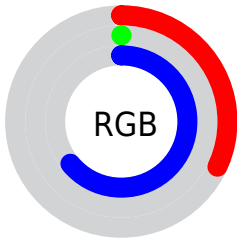
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 82, 0, 163 |
| Decimal | 5374115 |
| CIE Lab | 25.07, 59.73, -66.16 |
| CIE LCh | 25, 89.132, 312.074 |
| Yxy | 4.4382, 0.2038, 0.0897 |
| Android (android.graphics.Color) | 4283564195 (0xFF5200A3) |
| YUV | 43.1000, 59.1107, 34.1153 |
| Hunter-Lab | 21.0670, 48.6296, -83.6856 |

Details

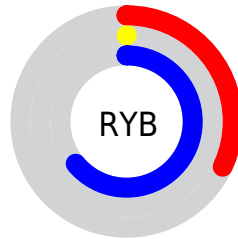
The Hex color **5200A3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **51A300**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8C42DB**, and **08006E** is the 20% darker color. If you saturate the color by 10%, you get **5200A3**, and if you desaturate by 10%, it is **5A10A3**.

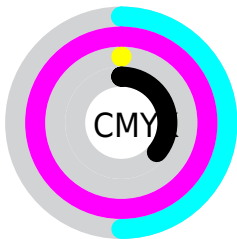
Distribution



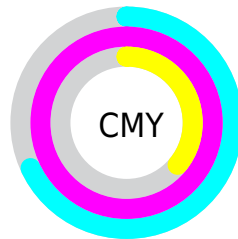
- Red (32%)
- Green (0%)
- Blue (64%)



- Red (32%)
- Yellow (0%)
- Blue (64%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (68%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5200A3 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 5200A3 by changing the saturation by 10% instead.

 5200A3

 5200A3

FFFFFF

 330088

 8C42DB

 08006E

 A95CF8

 000054

 C777FF

 00063C

 E592FF

 000225

 FFAEFF

 00010E

 FFCAFF

 000000

 FFE7FF

 5200A3

 5A10A3

 6221A3

 6A31A3

 7241A3

 7A52A3

 8362A3

 8B72A3

 9382A3

 9B93A3

Harmonies

Analogous

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



003FC5



5200A3



970067

Triad

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



5200A3



692700



005157

Complementary

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



5200A3



51A300

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.



004F0A



5200A3



304200

Square

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



5200A3



920000



004C00



005397

Rectangle

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



5200A3



A5003B



004C00



00503F

Sweetspot

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



5200A3



B494D4



0052A3



58456B



EBEBEB



6B6B6B

Same Dimension

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



5200A3



6A00D4



A300A3



4E4952



490091



090012

Inverse Universe

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



A30051



D40069



00A300



52494D



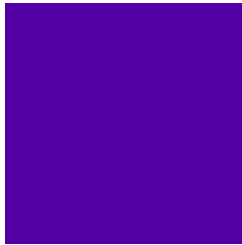
910048



120009

Previews

White Background



This preview shows how the Hex color 5200A3 looks on a white background.

Color Contrast Check

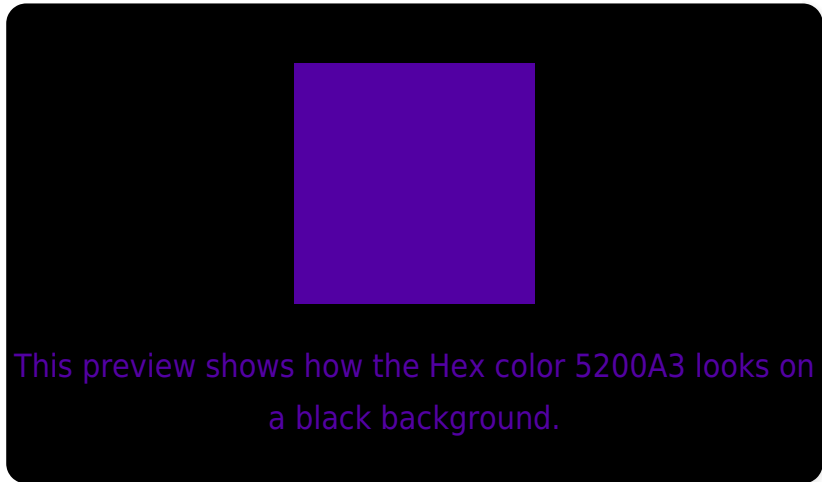
Large Text (above 18pt) WCAG AA ✓ Pass

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

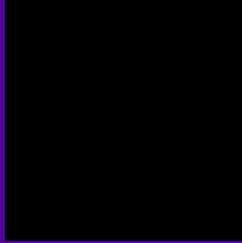
Any Text WCAG AA × Fail

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 5200A3 Background



This preview shows how black text looks on a background with the Hex color 5200A3.



This preview shows how white text looks on a background with the Hex color 5200A3.

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
5200A3

Protanopia
003C7F

Deuteranopia
00406C



Tritanopia
383F45

Trichromacy



Original Color
5200A3

Protanomaly
1E268C

Deuteranomaly
1E2980

Tritanomaly
412867

Monochromacy



Original Color
5200A3

Achromatopsia
2B2B2B

Achromatomaly
391B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 5200A3 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 #5200A3 looks like.

```
.text, #text, p{  
    color:#5200A3  
}
```

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 #5200A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5200A3
}
```

Border

The CSS property to change the border of an element to Hex 5200A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

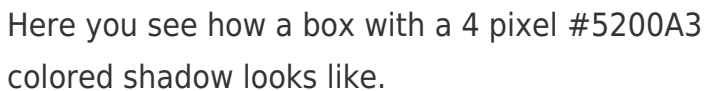
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5200A3 }
```

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

```
.border{ border-color:#5200A3 }
```

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



Here you see how a box with a 4 pixel #5200A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5200A3; -webkit-box-shadow:4px 4px  
4px 4px #5200A3; box-shadow:4px 4px 4px  
4px #5200A3 }
```

Background

The CSS property to change the background color of an element to Hex 5200A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5200A3 }
```

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

```
.background{ background-color:#5200A3 }
```

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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