

Converting Colors

Hex(5200A5)

Have a look what the booklet for
Hex(5200A5) contains.

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Color

Hex(5200A5)

Conversions

Conversions Part 1

Format	Color
Hex	5200A5
RGB	82, 0, 165
RGB Percent	32%, 0%, 65%
CMY	0.6784, 1.0000, 0.3529
CMYK	0.50, 1.00, 0.00, 0.35
HSL	270°, 100%, 32%
HSV	270°, 100%, 65%
XYZ	10.2712, 4.5105, 35.9266
YIQ	43.3280, -4.0930, 68.6990

Conversions

Conversions Part 2

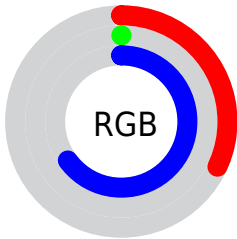
Format	Color
R _Y B	82, 0, 165
Decimal	5374117
CIE Lab	25.29, 60.18, -67.01
CIE LCh	25, 90.063, 311.924
Yxy	4.5105, 0.2026, 0.0889
Android (android.graphics.Color)	4283564197 (0xFF5200A5)
YUV	43.3280, 59.9843, 33.9153
Hunter-Lab	21.2378, 49.1614, -85.4303

Details

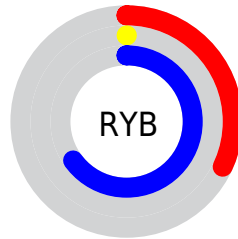
The Hex color **5200A5** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **53A500**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8D42DD**, and **060070** is the 20% darker color. If you saturate the color by 10%, you get **5200A5**, and if you desaturate by 10%, it is **5A10A5**.

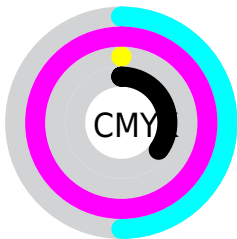
Distribution



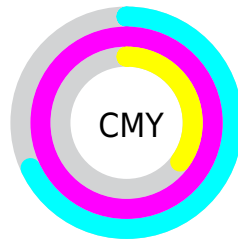
- Red (32%)
- Green (0%)
- Blue (65%)



- Red (32%)
- Yellow (0%)
- Blue (65%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (68%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5200A5 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 5200A5 by changing the saturation by 10% instead.

5200A5

5200A5

FFFFFF

33008A

8D42DD

060070

AA5DFA

000056

C777FF

00063E

E593FF

000327

FFAEFF

000110

FFCBFF

000000

FFE8FF

5200A5

 5A10A5

 6321A5

 6B32A5

 7342A5

 7B52A5

 8463A5

 8C73A5

 9484A5

 9D94A5

Harmonies

Analogous

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



0040C8



5200A5



980068

Triad

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



5200A5



6B2700



005257

Complementary

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



5200A5



53A500

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.



005009



5200A5



314200

Square

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



5200A5



930000



004C00



005399

Rectangle

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



5200A5



A6003C



004C00



00513F

Sweetspot

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



5200A5



B696D6



0055A5



58456B



EBEBEB



6B6B6B

Same Dimension

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



5200A5



6A00D6



A200A5



4D4952



480091



090012

Inverse Universe

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



A50053



D6006C



03A500



52494E



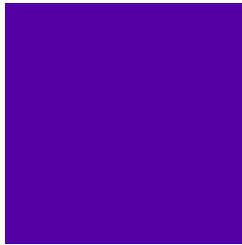
910049



120009

Previews

White Background



This preview shows how the Hex color 5200A5 looks on a white background.

Color Contrast Check

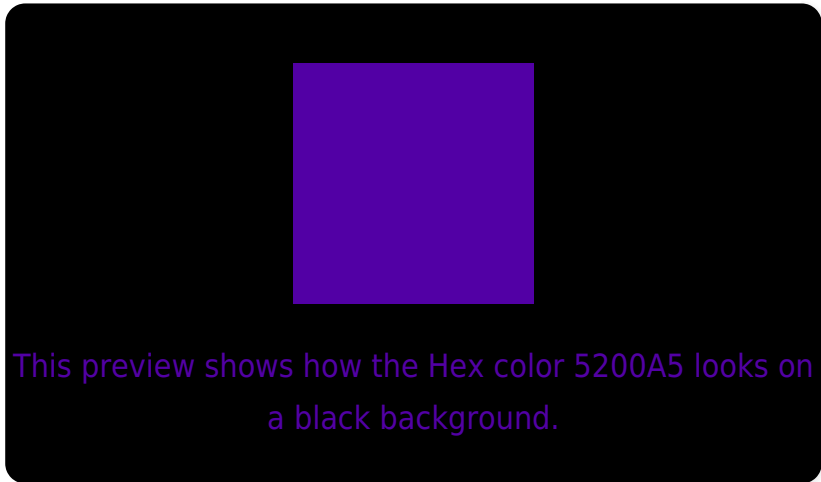
Large Text (above 18pt) WCAG AA ✓ Pass

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

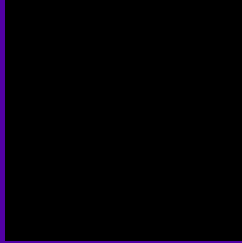
Any Text WCAG AA × Fail

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 5200A5 Background



This preview shows how black text looks on a background with the Hex color 5200A5.



This preview shows how white text looks on a background with the Hex color 5200A5.

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
5200A5

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
374045

Trichromacy



Original Color
5200A5

Protanomaly
1E278D

Deuteranomaly
1E2981

Tritanomaly
412968

Monochromacy



Original Color
5200A5

Achromatopsia
2B2B2B

Achromatomaly
391B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 5200A5 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 #5200A5 looks like.

```
.text, #text, p{  
    color:#5200A5  
}
```

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 #5200A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5200A5
}
```

Border

The CSS property to change the border of an element to Hex 5200A5 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".

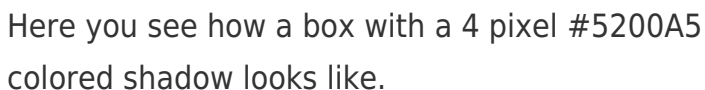
```
.border, #border, table{ border:4px solid
#5200A5 }
```

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

```
.border{ border-color:#5200A5 }
```

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

Here you see how a box with a 4 pixel #5200A5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5200A5; -webkit-box-shadow:4px 4px  
4px 4px #5200A5; box-shadow:4px 4px 4px  
4px #5200A5 }
```

Background

The CSS property to change the background color of an element to Hex 5200A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5200A5 }
```

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

```
.background{ background-color:#5200A5 }
```

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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