

Converting Colors

Hex(A51C99)

Have a look what the booklet for
Hex(A51C99) contains.

| | |
|--|----|
| Hex(A51C99) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(A51C99)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A51C99 |
| RGB | 165, 28, 153 |
| RGB Percent | 65%, 11%, 60% |
| CMY | 0.3529, 0.8902, 0.4000 |
| CMYK | 0.00, 0.83, 0.07, 0.35 |
| HSL | 305°, 71%, 38% |
| HSV | 305°, 83%, 65% |
| XYZ | 21.6821, 11.1297, 31.1425 |
| YIQ | 83.2130, 41.5270, 67.9190 |

Conversions

Conversions Part 2

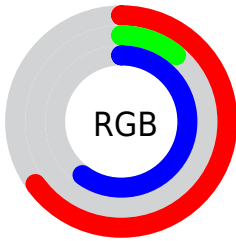
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 165, 28, 153 |
| Decimal | 10820761 |
| CIE _{Lab} | 39.80, 65.00, -35.57 |
| CIE _{LCh} | 40, 74.096, 331.311 |
| Yxy | 11.1297, 0.3390, 0.1740 |
| Android (android.graphics.Color) | 4289010841 (0xFFA51C99) |
| YUV | 83.2130, 34.4050, 71.7272 |
| Hunter-Lab | 33.3613, 57.6280, -31.9938 |

Details

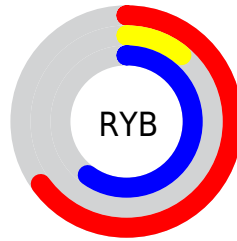
The Hex color **A51C99** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1CA528**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **DF5CD0**, and **6D0065** is the 20% darker color. If you saturate the color by 10%, you get **A50B98**, and if you desaturate by 10%, it is **A52C9A**.

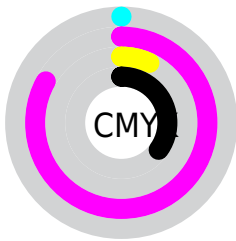
Distribution



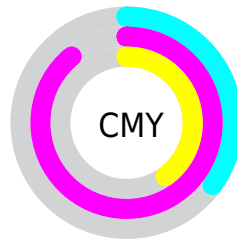
- Red (65%)
- Green (11%)
- Blue (60%)



- Red (65%)
- Yellow (11%)
- Blue (60%)



- Cyan (0%)
- Magenta (83%)
- Yellow (7%)
- Black (35%)



- Cyan (35%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color A51C99 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 A51C99 by changing the saturation by 10% instead.

 A51C99

 A51C99


FFFFFF

 89007F

 DF5CD0

 6D0065

 FD78EC

 51004D

 FF94FF

 390036

 FFB1FF

 1A001F

 FFCEFF

 000002

 FFE8FF

 000000

 A51C99

 A51C99

 A50B98

 A52C9A

 A50097

 A53D9C

 A54D9D

 A55E9F

 A56EA0

 A57FA2

 A58FA3

 A5A0A5

 A5B0A6

Harmonies

Analogous

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



544CC7



A51C99



C2005E

Triad

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



A51C99



715D00



00769C

Complementary

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



A51C99



1CA528

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.



00765F



A51C99



316B00

Square

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



A51C99



9F4200



00731C



0072C9

Rectangle

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



A51C99



C20037



00731C



007688

Sweetspot

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



A51C99



D6A1D2



271CA5



6B4B68



EBEBEB



6B6B6B

Same Dimension

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



A51C99



D600C3



A51C55



524951



910085



120010

Inverse Universe

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



A51C99



D600C3



1CA56C



524951



910085



120010

Previews

White Background



This preview shows how the Hex color A51C99 looks on a white background.

Color Contrast Check

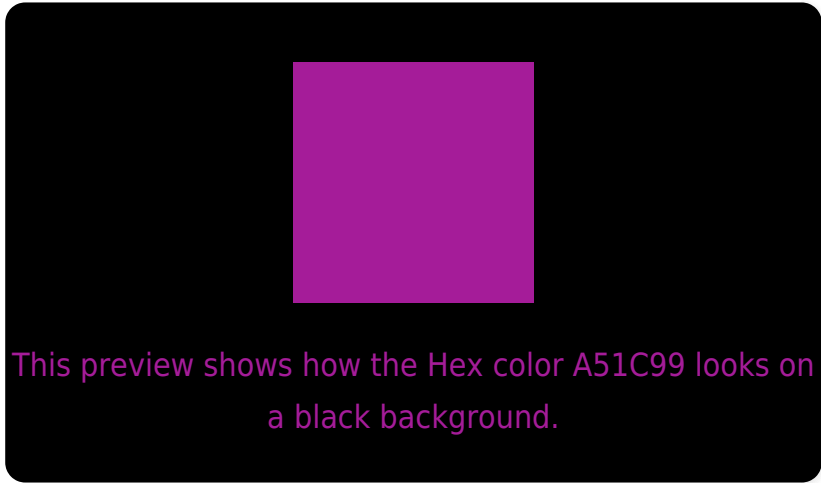
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

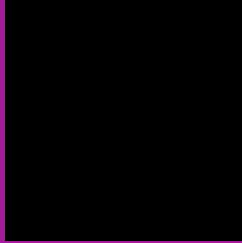
Any Text WCAG AA × Fail

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 A51C99 Background



This preview shows how black text looks on a background with the Hex color A51C99.

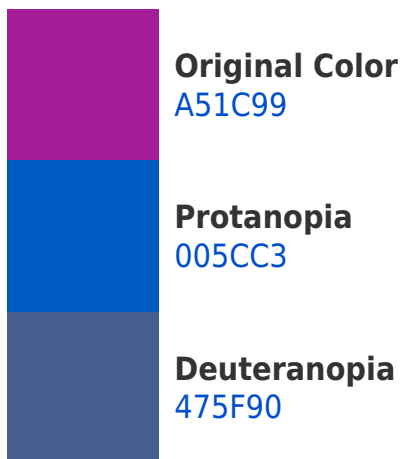


This preview shows how white text looks on a background with the Hex color A51C99.

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
9D4044

Trichromacy



Original Color
A51C99



Protanomaly
3C45B4



Deuteranomaly
694793

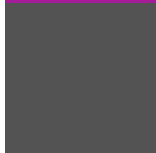


Tritanomaly
A03363

Monochromacy



Original Color
A51C99



Achromatopsia
535353



Achromatomaly
713F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex A51C99 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 #A51C99 looks like.

```
.text, #text, p{  
    color:#A51C99  
}
```

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 #A51C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51C99
}
```

Border

The CSS property to change the border of an element to Hex A51C99 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
#A51C99 }
```

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

```
.border{ border-color:#A51C99 }
```

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

Here you see how a box with a 4 pixel #A51C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51C99; -webkit-box-shadow:4px 4px  
4px 4px #A51C99; box-shadow:4px 4px 4px  
4px #A51C99 }
```

Background

The CSS property to change the background color of an element to Hex A51C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51C99 }
```

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

```
.background{ background-color:#A51C99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor