

Converting Colors

Hex(A51AAF)

Have a look what the booklet for
Hex(A51AAF) contains.

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Color

Hex(A51AAF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A51AAF |
| RGB | 165, 26, 175 |
| RGB Percent | 65%, 10%, 69% |
| CMY | 0.3529, 0.8980, 0.3137 |
| CMYK | 0.06, 0.85, 0.00, 0.31 |
| HSL | 296°, 74%, 39% |
| HSV | 296°, 85%, 69% |
| XYZ | 23.6243, 11.8333, 41.5963 |
| YIQ | 84.5470, 35.0150, 75.8070 |

Conversions

Conversions Part 2

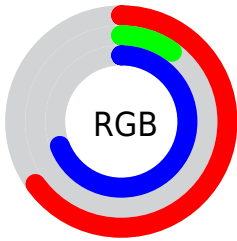
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 165, 26, 175 |
| Decimal | 10820271 |
| CIE _{Lab} | 40.95, 68.90, -46.93 |
| CIE _{LCh} | 41, 83.363, 325.739 |
| Yxy | 11.8333, 0.3066, 0.1536 |
| Android (android.graphics.Color) | 4289010351 (0xFFA51AAF) |
| YUV | 84.5470, 44.5933, 70.5573 |
| Hunter-Lab | 34.3995, 62.3880, -47.6146 |

Details

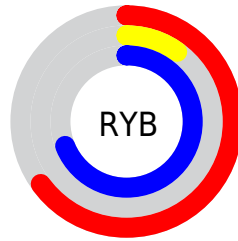
The Hex color **A51AAF** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **24AF1A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **E05CE7**, and **6C007A** is the 20% darker color. If you saturate the color by 10%, you get **A409AF**, and if you desaturate by 10%, it is **A62CAF**.

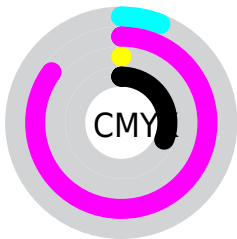
Distribution



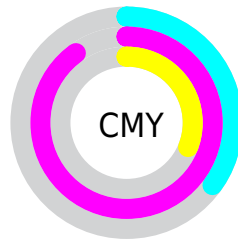
- Red (65%)
- Green (10%)
- Blue (69%)



- Red (65%)
- Yellow (10%)
- Blue (69%)



- Cyan (6%)
- Magenta (85%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (90%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color A51AAF 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 A51AAF by changing the saturation by 10% instead.

 A51AAF

 A51AAF

FFFFFF

 880094

 E05CE7

 6C007A

 FE79FF

 510060

 FF95FF

 380048

 FFB2FF

 190030

 FFCFFF

 00011A

 FFECFF

 000000

 A51AAF

 A51AAF

 A409AF

 A62CAF

 A300AF

 A73DAF

 A94FAF

 AA60AF

 AB72AF

 AC83AF

 AD95AF

 AEA6AF

 BOB8AF

Harmonies

Analogous

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



2253DE



A51AAF



CE006E

Triad

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



A51AAF



7F5B00



007B9B

Complementary

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



A51AAF



24AF1A

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.



007A54



A51AAF



3B6E00

Square

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



A51AAF



B03700



007600



0079D3

Rectangle

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



A51AAF



D10041



007600



007B84

Sweetspot

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



A51AAF



DFA8E3



1A26AF



704F73



F2F2F2



737373

Same Dimension

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



A51AAF



D400E3



AF1A71



564E57



8C0096



150017

Inverse Universe

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



AF1A24



E3000F



1AAF58



574E4F



96000A



170002

Previews

White Background



This preview shows how the Hex color A51AAF looks on a white background.

Color Contrast Check

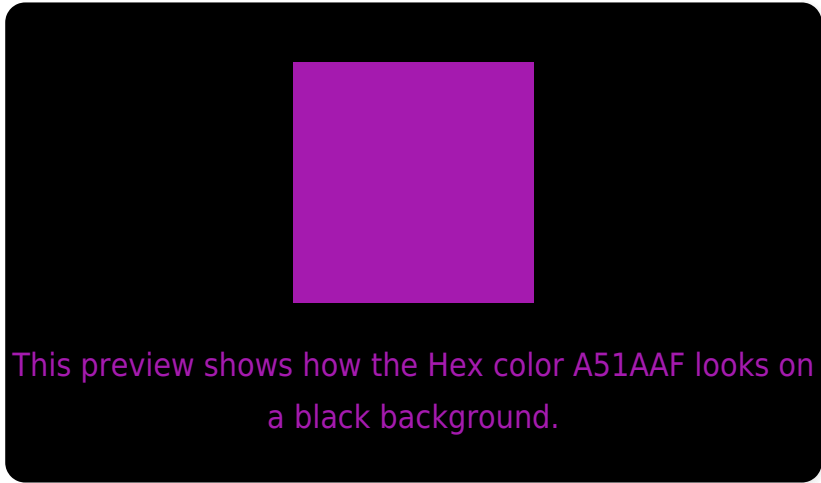
Large Text (above 18pt) WCAG AA ✓ Pass

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

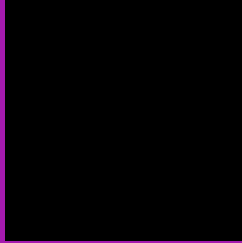
Any Text WCAG AA × Fail

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 A51AAF Background



This preview shows how black text looks on a background with the Hex color A51AAF.

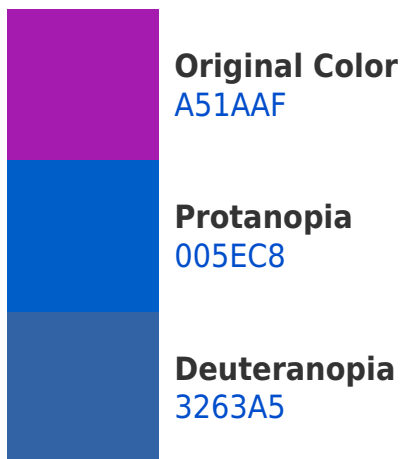



This preview shows how white text looks on a background with the Hex color A51AAF.

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](#).

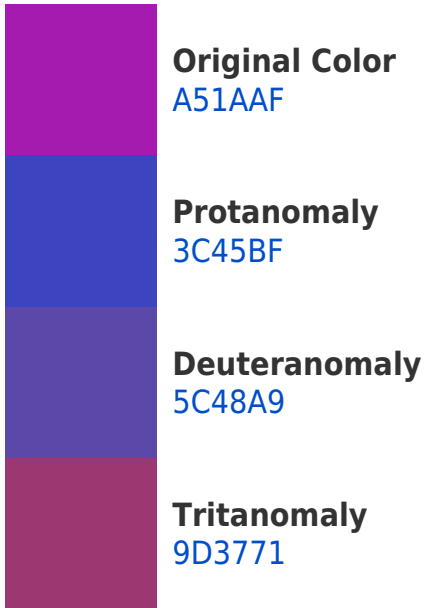
Dichromacy



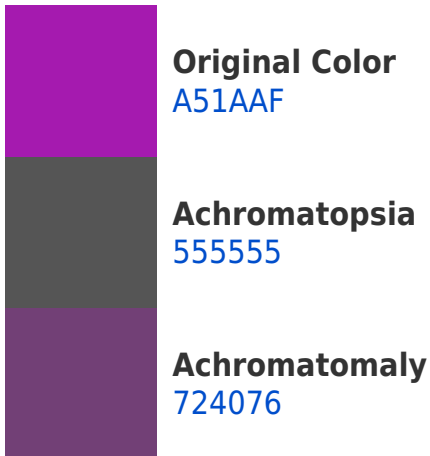


Tritanopia
99484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A51AAF 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 #A51AAF looks like.

```
.text, #text, p{  
    color:#A51AAF  
}
```

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 #A51AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51AAF
}
```

Border

The CSS property to change the border of an element to Hex A51AAF 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
#A51AAF }
```

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

```
.border{ border-color:#A51AAF }
```

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

Here you see how a box with a 4 pixel #A51AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51AAF; -webkit-box-shadow:4px 4px  
4px 4px #A51AAF; box-shadow:4px 4px 4px  
4px #A51AAF }
```

Background

The CSS property to change the background color of an element to Hex A51AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51AAF }
```

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

```
.background{ background-color:#A51AAF }
```

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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