

Converting Colors

Hex(A251D8)

Have a look what the booklet for
Hex(A251D8) contains.

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Color

Hex(A251D8)

Conversions

Conversions Part 1

Format	Color
Hex	A251D8
RGB	162, 81, 216
RGB Percent	64%, 32%, 85%
CMY	0.3647, 0.6824, 0.1529
CMYK	0.25, 0.62, 0.00, 0.15
HSL	276°, 63%, 58%
HSV	276°, 62%, 85%
XYZ	30.2374, 18.5241, 66.9476
YIQ	120.6090, 4.9410, 59.1570

Conversions

Conversions Part 2

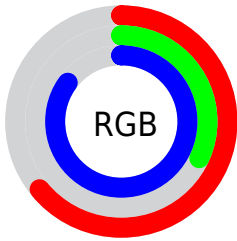
Format	Color
R_{YB}	162, 81, 216
Decimal	10637784
CIE _{Lab}	50.13, 56.30, -56.06
CIE _{LCh}	50, 79.451, 315.125
Yxy	18.5241, 0.2613, 0.1601
Android (android.graphics.Color)	4288827864 (0xFFA251D8)
YUV	120.6090, 47.0278, 36.2999
Hunter-Lab	43.0396, 50.0853, -62.0970

Details

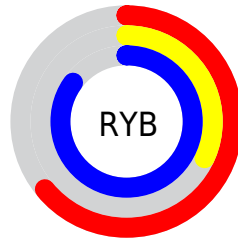
The Hex color **A251D8** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **87D851**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **DC87FF**, and **6A19A0** is the 20% darker color. If you saturate the color by 10%, you get **993BD8**, and if you desaturate by 10%, it is **AB67D8**.

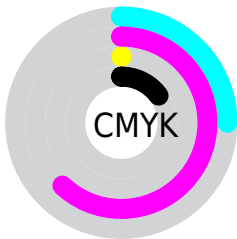
Distribution



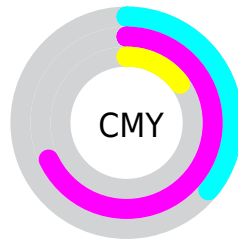
- Red (64%)
- Green (32%)
- Blue (85%)



- Red (64%)
- Yellow (32%)
- Blue (85%)



- Cyan (25%)
- Magenta (62%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (68%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A251D8 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 A251D8 by changing the saturation by 10% instead.

 A251D8

 A251D8

FFFFFF

 8636BC

 DC87FF

 6A19A0

 FAA2FF

 4E0085

 FFBEFF

 31006B

 FFDBFF

 170053

 FFF8FF

 00003A

 000224

 00000B

 000000

 A251D8

 A251D8

 993BD8

 AB67D8

 9126D8

 B37CD8

 8810D8

 BC92D8

 8200D8

 C5A7D8

 CDBDD8

 D6D3D8

 DEE8D8

 E7FED8

 F0FFD8

Harmonies

Analogous

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



0074FC



A251D8



DC1D9C

Triad

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



A251D8



AC6800



009499

Complementary

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



A251D8



87D851

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.



009252



A251D8



727F00

Square

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



A251D8



D74313



008C00



0092D7

Rectangle

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



A251D8



EA006F



008C00



009382

Sweetspot

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



A251D8



ECCFFF



5187D8



746280



000000



808080

Same Dimension

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



A251D8



B340FF



D851CB



67606B



6700AB



1A002B

Inverse Universe

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



D85187



FF408C



51D85E



6B6065



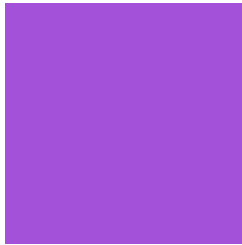
AB0044



2B0011

Previews

White Background



This preview shows how the Hex color A251D8 looks on a white background.

Color Contrast Check

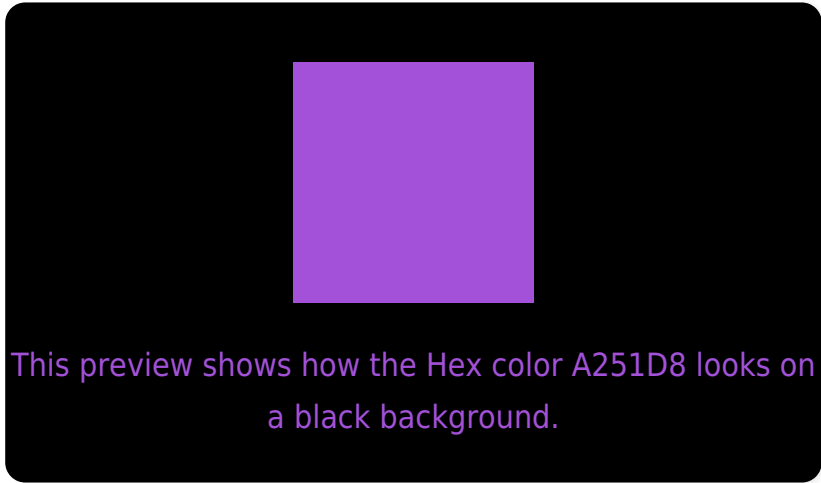
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

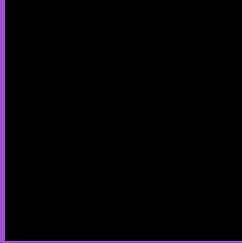
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A251D8 Background



This preview shows how black text looks on a background with the Hex color A251D8.

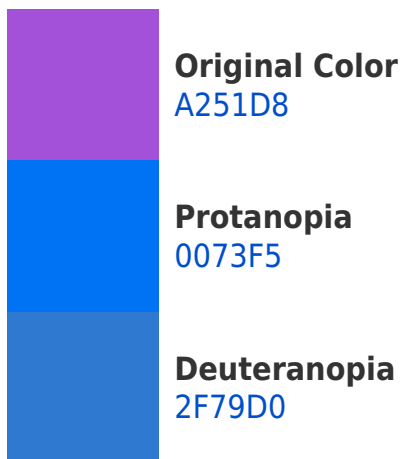


This preview shows how white text looks on a background with the Hex color A251D8.

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](#).

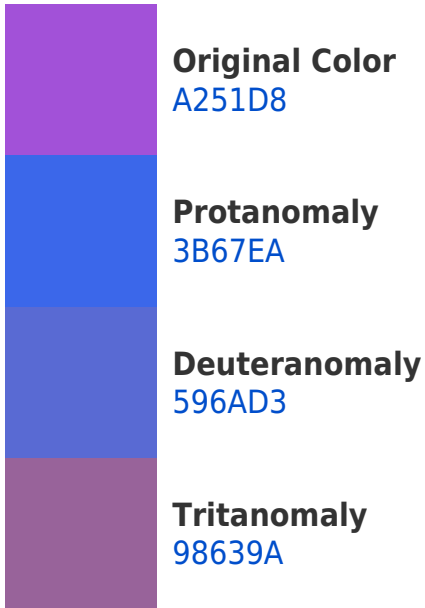
Dichromacy



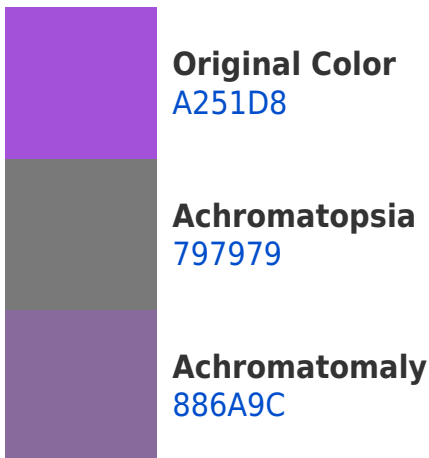


Tritanopia
926E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A251D8 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 #A251D8 looks like.

```
.text, #text, p{  
    color:#A251D8  
}
```

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 #A251D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A251D8
}
```

Border

The CSS property to change the border of an element to Hex A251D8 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
#A251D8 }
```

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

```
.border{ border-color:#A251D8 }
```

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

Here you see how a box with a 4 pixel #A251D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A251D8; -webkit-box-shadow:4px 4px  
4px 4px #A251D8; box-shadow:4px 4px 4px  
4px #A251D8 }
```

Background

The CSS property to change the background color of an element to Hex A251D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A251D8 }
```

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

```
.background{ background-color:#A251D8 }
```

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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