

Converting Colors

Hex(A245D1)

Have a look what the booklet for
Hex(A245D1) contains.

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Color

Hex(A245D1)

Conversions

Conversions Part 1

Format	Color
Hex	A245D1
RGB	162, 69, 209
RGB Percent	64%, 27%, 82%
CMY	0.3647, 0.7294, 0.1804
CMYK	0.22, 0.67, 0.00, 0.18
HSL	280°, 60%, 55%
HSV	280°, 67%, 82%
XYZ	28.5370, 16.5411, 62.0103
YIQ	112.7670, 10.4880, 63.2560

Conversions

Conversions Part 2

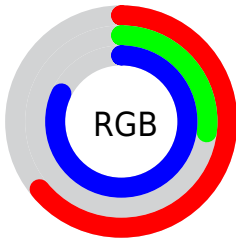
Format	Color
R_{YB}	162, 69, 209
Decimal	10634705
CIE _{Lab}	47.68, 60.34, -55.99
CIE _{LCh}	48, 82.316, 317.139
Yxy	16.5411, 0.2665, 0.1545
Android (android.graphics.Color)	4288824785 (0xFFA245D1)
YUV	112.7670, 47.4429, 43.1773
Hunter-Lab	40.6707, 54.0726, -61.9294

Details

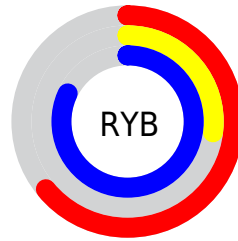
The Hex color **A245D1** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **74D145**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **DC7BFF**, and **6A009A** is the 20% darker color. If you saturate the color by 10%, you get **9B30D1**, and if you desaturate by 10%, it is **A95AD1**.

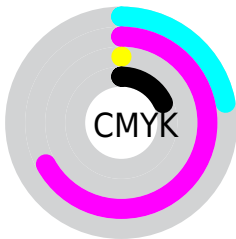
Distribution



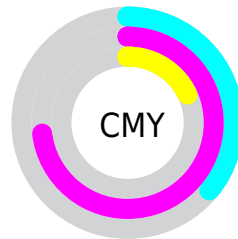
- Red (64%)
- Green (27%)
- Blue (82%)



- Red (64%)
- Yellow (27%)
- Blue (82%)



- Cyan (22%)
- Magenta (67%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (73%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A245D1 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 A245D1 by changing the saturation by 10% instead.

 A245D1

 A245D1

FFFFFF

 8628B5

 DC7BFF

 6A009A

 FA97FF

 4E007F

 FFB3FF

 310065

 FFD0FF

 15004C

 FFEDFF

 000034

 00021E

 000001

 000000

 A245D1

 A245D1

 9B30D1

 A95AD1

 941BD1

 B06FD1

 8D06D1

 B784D1

 8B00D1

 BE99D1

 C5AED1

 CCC2D1

 D3D7D1

 DAECD1

 E1FFD1

Harmonies

Analogous

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



006DF8



A245D1



DA0092

Triad

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



A245D1



A26300



008E98

Complementary

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



A245D1



74D145

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.



008C50



A245D1



657A00

Square

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



A245D1



CF3C00



008600



008CD7

Rectangle

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



A245D1



E60064



008600



008D81

Sweetspot

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



A245D1



EECCFF



4576D1



756180



000000



808080

Same Dimension

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



A245D1



BB33FF



D145BC



655E69



7000A8



1B0029

Inverse Universe

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



D14574



FF3377



45D15A



695E62



A80039



29000E

Previews

White Background



This preview shows how the Hex color A245D1 looks on a white background.

Color Contrast Check

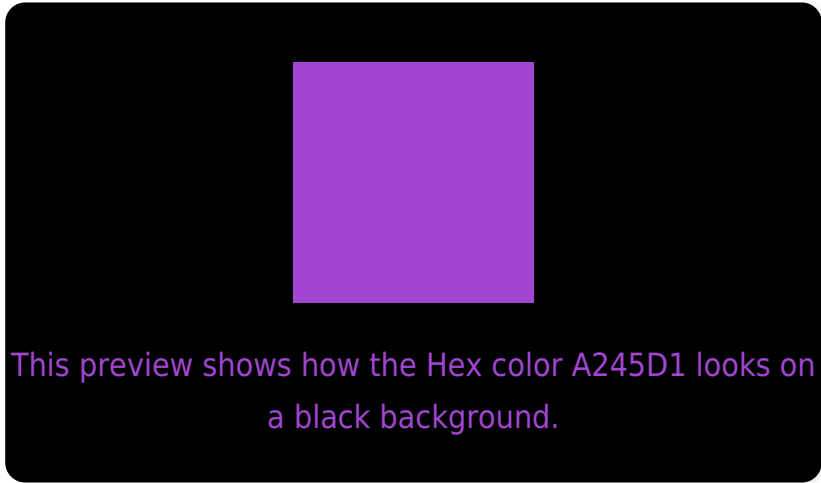
Large Text (above 18pt) WCAG AA ✓ Pass

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

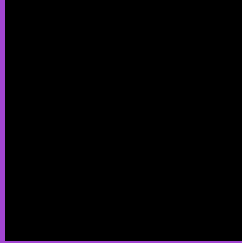
Any Text WCAG AA × Fail

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 A245D1 Background



This preview shows how black text looks on a background with the Hex color A245D1.

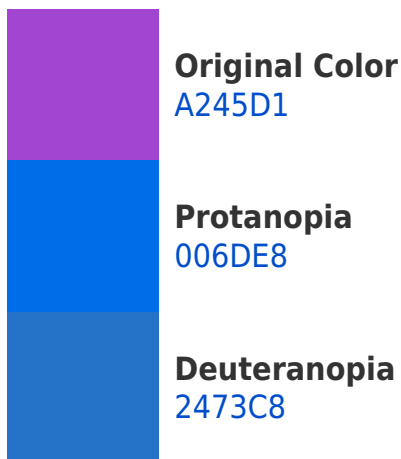



This preview shows how white text looks on a background with the Hex color A245D1.

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](#).

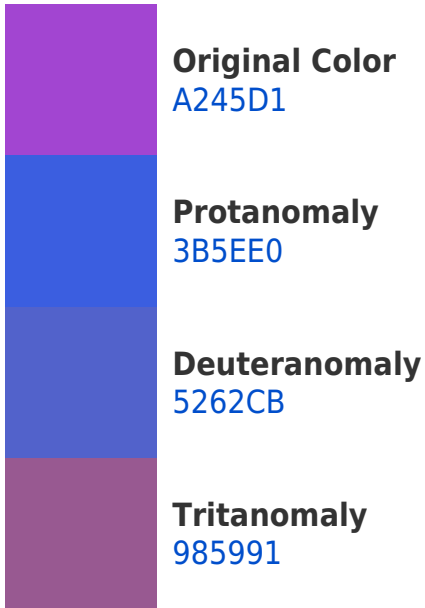
Dichromacy



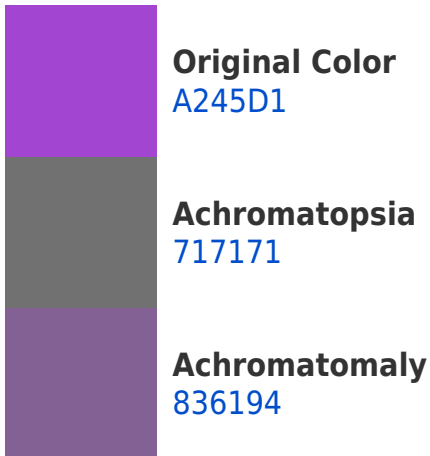


Tritanopia
92656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A245D1 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 #A245D1 looks like.

```
.text, #text, p{  
    color:#A245D1  
}
```

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 #A245D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A245D1
}
```

Border

The CSS property to change the border of an element to Hex A245D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

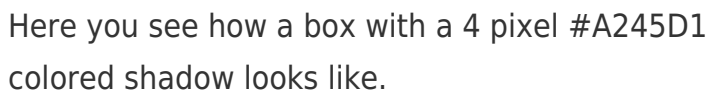
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A245D1 }
```

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

```
.border{ border-color:#A245D1 }
```

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



Here you see how a box with a 4 pixel #A245D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A245D1; -webkit-box-shadow:4px 4px  
4px 4px #A245D1; box-shadow:4px 4px 4px  
4px #A245D1 }
```

Background

The CSS property to change the background color of an element to Hex A245D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A245D1 }
```

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

```
.background{ background-color:#A245D1 }
```

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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