

Converting Colors

Hex(9245DA)

Have a look what the booklet for
Hex(9245DA) contains.

Hex(9245DA)	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(9245DA)

Conversions

Conversions Part 1

Format	Color
Hex	9245DA
RGB	146, 69, 218
RGB Percent	57%, 27%, 85%
CMY	0.4275, 0.7294, 0.1451
CMYK	0.33, 0.68, 0.00, 0.15
HSL	271°, 67%, 56%
HSV	271°, 68%, 85%
XYZ	26.6371, 15.4292, 67.9039
YIQ	109.0090, -1.9370, 62.6630

Conversions

Conversions Part 2

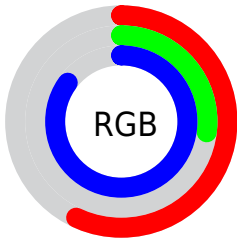
Format	Color
R_{YB}	146, 69, 218
Decimal	9586138
CIE _{Lab}	46.22, 59.03, -63.60
CIE _{LCh}	46, 86.775, 312.864
Yxy	15.4292, 0.2422, 0.1403
Android (android.graphics.Color)	4287776218 (0xFF9245DA)
YUV	109.0090, 53.7326, 32.4411
Hunter-Lab	39.2800, 52.3067, -74.9994

Details

The Hex color **9245DA** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **8DDA45**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **CC7AFF**, and **5805A2** is the 20% darker color. If you saturate the color by 10%, you get **872FDA**, and if you desaturate by 10%, it is **9D5BDA**.

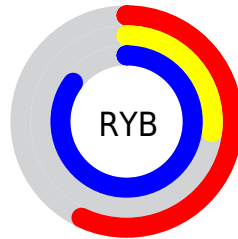
Distribution



Red (57%)

Green (27%)

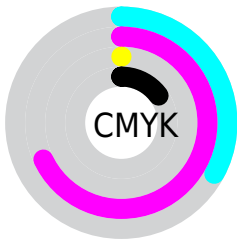
Blue (85%)



Red (57%)

Yellow (27%)

Blue (85%)

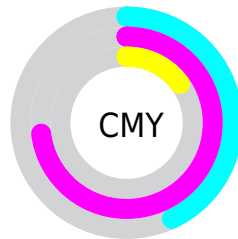


Cyan (33%)

Magenta (68%)

Yellow (0%)

Black (15%)



Cyan (43%)

Magenta (73%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9245DA 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 9245DA by changing the saturation by 10% instead.

 9245DA

 9245DA

FFFFFF

 7529BE

 CC7AFF

 5805A2

 EA96FF

 3B0087

 FFB2FF

 18006D

 FFCEFF

 000054

 FFE8FF

 00063B

 000225

 00010D

 000000

9245DA

9245DA

872FDA

9D5BDA

7D19DA

A771DA

7204DA

B286DA

7100DA

BC9CDA

C7B2DA

D1C8DA

DCDEDA

E6F3DA

F1FFDA

Harmonies

Analogous

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



006DFE



9245DA



D6009A

Triad

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



9245DA



A75A00



008A8C

Complementary

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



9245DA



8DDA45

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.



00883F



9245DA



697400

Square

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



9245DA



D42800



008200



008AD0

Rectangle

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



9245DA



E6006A



008200



008A73

Sweetspot

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



9245DA



E5C9FF



458DDA



706080



000000



808080

Same Dimension

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



9245DA



9A2EFF



DA45D8



68636E



5A00AD



18002E

Inverse Universe

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



DA458D



FF2E93



45DA47



6E6368



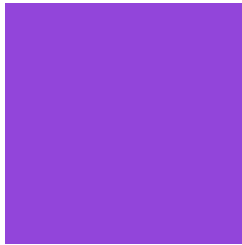
AD0054



2E0016

Previews

White Background



This preview shows how the Hex color 9245DA 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

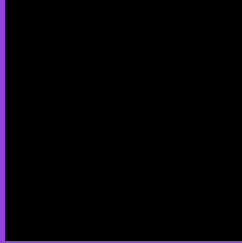
Any Text WCAG AA × Fail

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 9245DA Background



This preview shows how black text looks on a background with the Hex color 9245DA.

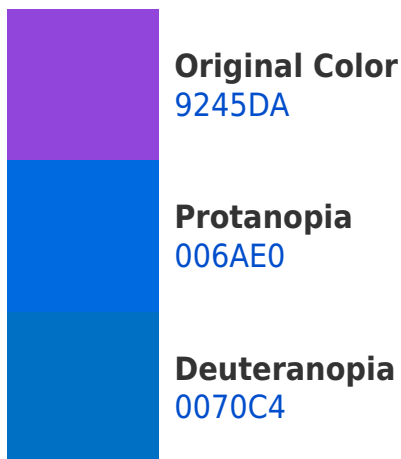


This preview shows how white text looks on a background with the Hex color 9245DA.

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](#).

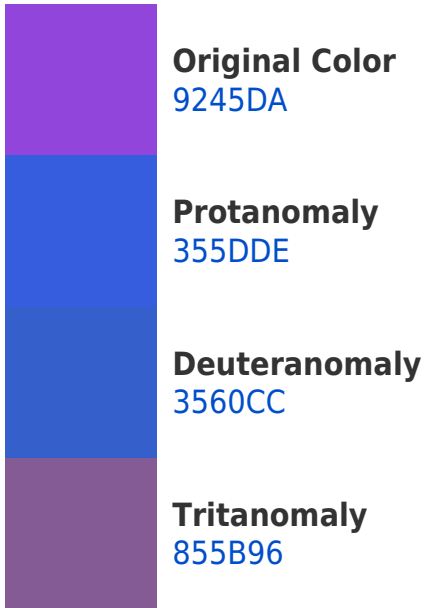
Dichromacy



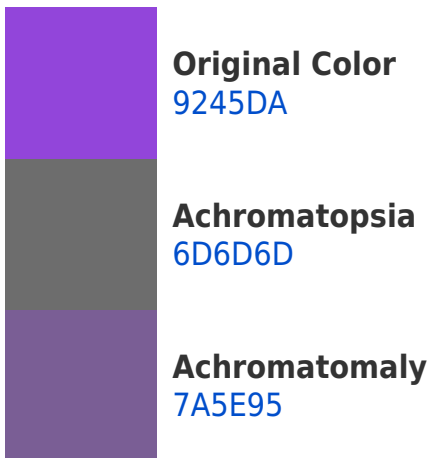


Tritanopia
7E676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9245DA 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 #9245DA looks like.

```
.text, #text, p{  
    color:#9245DA  
}
```

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 #9245DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9245DA
}
```

Border

The CSS property to change the border of an element to Hex 9245DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

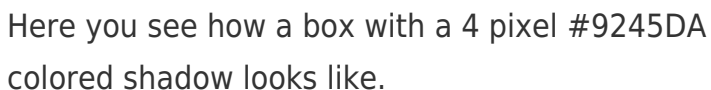
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9245DA }
```

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

```
.border{ border-color:#9245DA }
```

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



Here you see how a box with a 4 pixel #9245DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9245DA; -webkit-box-shadow:4px 4px  
4px 4px #9245DA; box-shadow:4px 4px 4px  
4px #9245DA }
```

Background

The CSS property to change the background color of an element to Hex 9245DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9245DA }
```

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

```
.background{ background-color:#9245DA }
```

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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