

Converting Colors

Hex(9042DE)

Have a look what the booklet for
Hex(9042DE) contains.

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Color

Hex(9042DE)

Conversions

Conversions Part 1

Format	Color
Hex	9042DE
RGB	144, 66, 222
RGB Percent	56%, 26%, 87%
CMY	0.4353, 0.7412, 0.1294
CMYK	0.35, 0.70, 0.00, 0.13
HSL	270°, 70%, 56%
HSV	270°, 70%, 87%
XYZ	26.6346, 15.0996, 70.6180
YIQ	107.1060, -3.5880, 65.0520

Conversions

Conversions Part 2

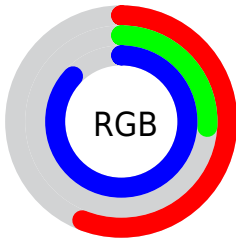
Format	Color
R_{YB}	144, 66, 222
Decimal	9454302
CIE _{Lab}	45.77, 60.94, -66.62
CIE _{LCh}	46, 90.290, 312.452
Yxy	15.0996, 0.2371, 0.1344
Android (android.graphics.Color)	4287644382 (0xFF9042DE)
YUV	107.1060, 56.6427, 32.3560
Hunter-Lab	38.8583, 54.3473, -80.5482

Details

The Hex color **9042DE** 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 **90DE42**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CB78FF**, and **5600A6** is the 20% darker color. If you saturate the color by 10%, you get **852CDE**, and if you desaturate by 10%, it is **9B58DE**.

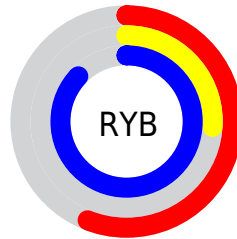
Distribution



Red (56%)

Green (26%)

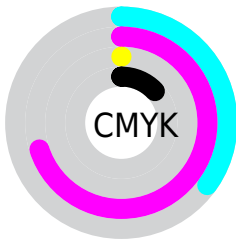
Blue (87%)



Red (56%)

Yellow (26%)

Blue (87%)

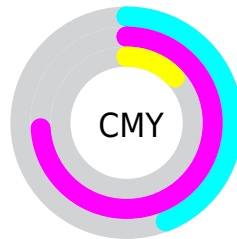


Cyan (35%)

Magenta (70%)

Yellow (0%)

Black (13%)



Cyan (44%)

Magenta (74%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9042DE 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 9042DE by changing the saturation by 10% instead.

 9042DE

 9042DE

FFFFFF

 7326C2

 CB78FF

 5600A6

 E993FF

 37008B

 FFAFFF


 0F0070


 FFCBFF

 000057

 FFE8FF

 00063E

 000327

 000111

 000000

 9042DE

 9042DE

 852CDE

 9B58DE

 7A16DE

 A66EDE

 6F00DE

 B185DE

 BC9BDE

 C8B1DE

 D3C7DE

 DEDDDE

 E9F4DE

 F4FFDE

Harmonies

Analogous

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



006DFF



9042DE



D8009C

Triad

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



9042DE



A85800



008A8B

Complementary

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



9042DE



90DE42

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.



00873B



9042DE



687300

Square

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



9042DE



D61D00



008100



0089D3

Rectangle

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



9042DE



E8006A



008100



008971

Sweetspot

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



9042DE



E4C9FF



4290DE



706080



000000



808080

Same Dimension

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



9042DE



9429FF



DE42DE



6B6570



5800B0



180030

Inverse Universe

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



DE4290



FF2994



42DE42



70656B



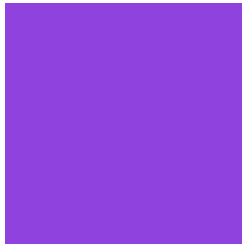
B00058



300018

Previews

White Background



This preview shows how the Hex color 9042DE looks on a white background.

Color Contrast Check

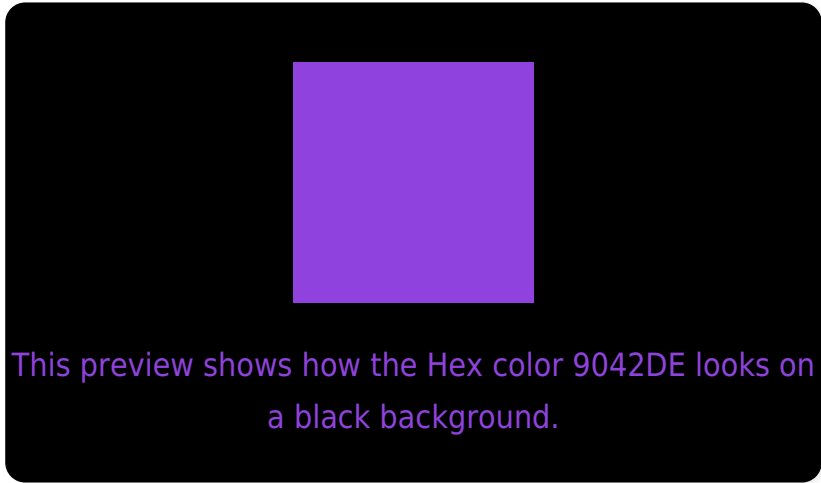
Large Text (above 18pt) WCAG AA ✓ Pass

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

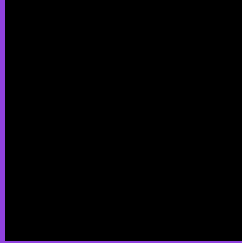
Any Text WCAG AA × Fail

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 9042DE Background



This preview shows how black text looks on a background with the Hex color 9042DE.

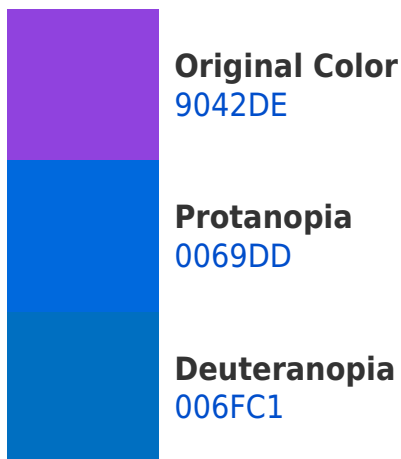



This preview shows how white text looks on a background with the Hex color 9042DE.

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](#).

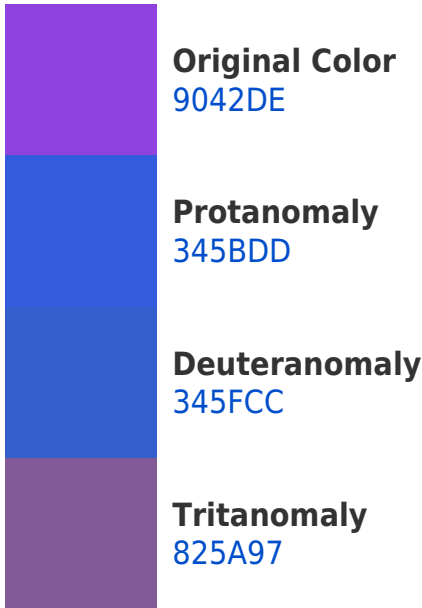
Dichromacy



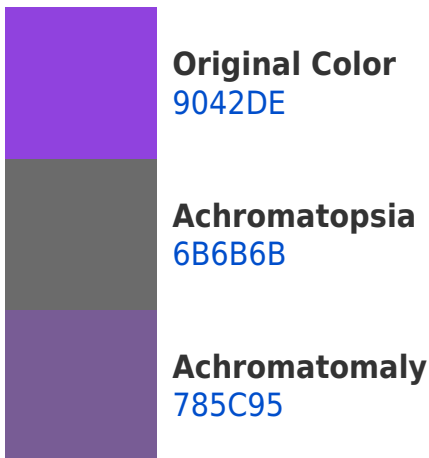


Tritanopia
7A676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9042DE 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 #9042DE looks like.

```
.text, #text, p{  
    color:#9042DE  
}
```

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 #9042DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9042DE
}
```

Border

The CSS property to change the border of an element to Hex 9042DE 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
#9042DE }
```

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

```
.border{ border-color:#9042DE }
```

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

Here you see how a box with a 4 pixel #9042DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9042DE; -webkit-box-shadow:4px 4px  
4px 4px #9042DE; box-shadow:4px 4px 4px  
4px #9042DE }
```

Background

The CSS property to change the background color of an element to Hex 9042DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9042DE }
```

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

```
.background{ background-color:#9042DE }
```

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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