

Converting Colors

Hex(9042CE)

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

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Color

Hex(9042CE)

Conversions

Conversions Part 1

Format	Color
Hex	9042CE
RGB	144, 66, 206
RGB Percent	56%, 26%, 81%
CMY	0.4353, 0.7412, 0.1922
CMYK	0.30, 0.68, 0.00, 0.19
HSL	273°, 59%, 53%
HSV	273°, 68%, 81%
XYZ	24.5904, 14.2820, 59.8532
YIQ	105.2820, 1.5480, 60.0760

Conversions

Conversions Part 2

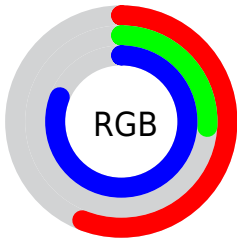
Format	Color
R_{YB}	144, 66, 206
Decimal	9454286
CIE _{Lab}	44.63, 57.24, -59.29
CIE _{LCh}	45, 82.416, 313.993
Yxy	14.2820, 0.2491, 0.1447
Android (android.graphics.Color)	4287644366 (0xFF9042CE)
YUV	105.2820, 49.6540, 33.9557
Hunter-Lab	37.7915, 50.0124, -67.4479

Details

The Hex color **9042CE** 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 **80CE42**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CA77FF**, and **570197** is the 20% darker color. If you saturate the color by 10%, you get **872DCE**, and if you desaturate by 10%, it is **9957CE**.

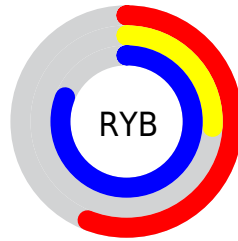
Distribution



Red (56%)

Green (26%)

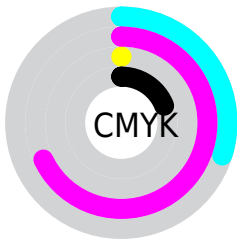
Blue (81%)



Red (56%)

Yellow (26%)

Blue (81%)

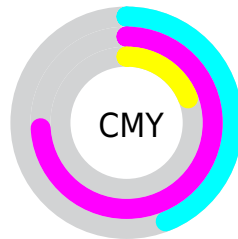


Cyan (30%)

Magenta (68%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (74%)

Yellow (19%)

Brightness & Saturation Gradients

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

9042CE

9042CE

FFFFFF

7426B2

CA77FF

570197

E792FF

3B007C

FFAEFF

1B0062

FFCAFF

00004A

FFE7FF

000432

00011C

000000

9042CE

9042CE

872DCE

9957CE

7E19CE

A26BCE

7504CE

AB80CE

7300CE

B494CE

BEA9CE

C7BECE

D0D2CE

D9E7CE

E2FBCE

Harmonies

Analogous

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



0068F2



9042CE



CE0091

Triad

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



9042CE



9F5900



008589

Complementary

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



9042CE



80CE42

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.



008341



9042CE



647100

Square

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



9042CE



C92C00



007D00



0084C9

Rectangle

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



9042CE



DC0064



007D00



008571

Sweetspot

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



9042CE



E8CCFF



4281CE



726180



000000



808080

Same Dimension

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



9042CE



A22EFF



CE42C7



615C66



5C00A6



150026

Inverse Universe

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



CE4280



FF2E8B



42CE49



665C60



A60049



260011

Previews

White Background



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

Color Contrast Check

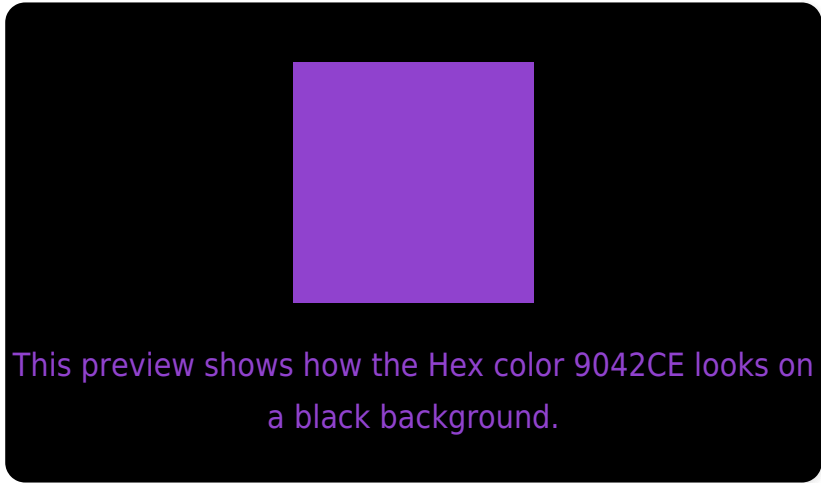
Large Text (above 18pt) WCAG AA ✓ Pass

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

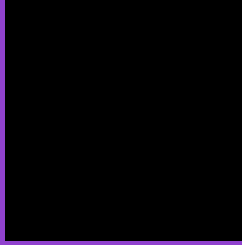
Any Text WCAG AA × Fail

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 9042CE Background



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

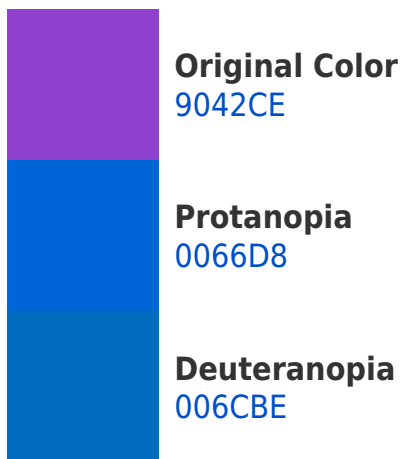



This preview shows how white text looks on a background with the Hex color 9042CE.

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](#).

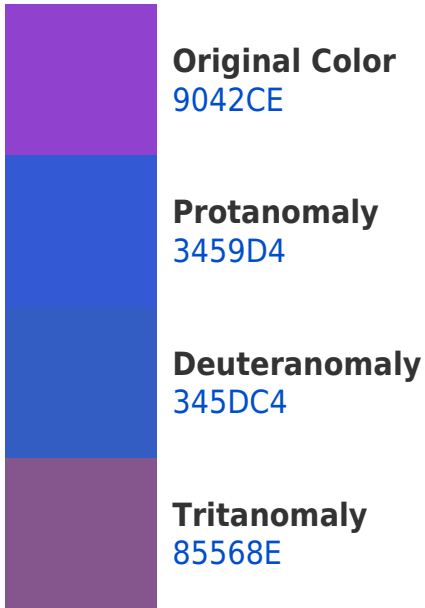
Dichromacy



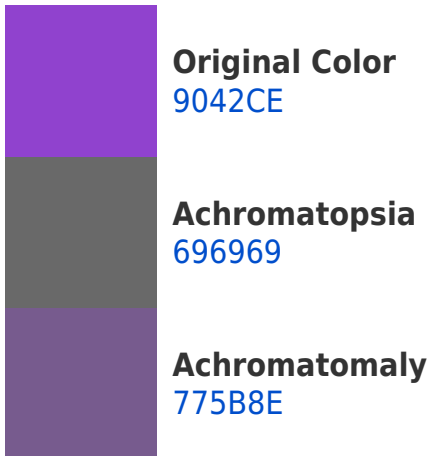


Tritanopia
7E626A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9042CE colored shadow looks like.

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

Border

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

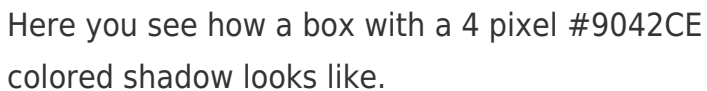
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9042CE }
```

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

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

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



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

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

Background

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

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

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

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

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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