

Converting Colors

Hex(9042EB)

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

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Color

Hex(9042EB)

Conversions

Conversions Part 1

Format	Color
Hex	9042EB
RGB	144, 66, 235
RGB Percent	56%, 26%, 92%
CMY	0.4353, 0.7412, 0.0784
CMYK	0.39, 0.72, 0.00, 0.08
HSL	268°, 81%, 59%
HSV	268°, 72%, 92%
XYZ	28.4452, 15.8239, 80.1523
YIQ	108.5880, -7.7610, 69.0950

Conversions

Conversions Part 2

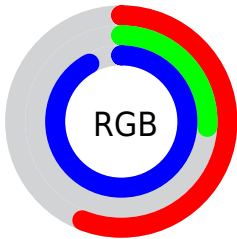
Format	Color
RYB	144, 66, 235
Decimal	9454315
CIELab	46.74, 64.00, -72.41
CIElCh	47, 96.641, 311.475
Yxy	15.8239, 0.2286, 0.1272
Android (android.graphics.Color)	4287644395 (0xFF9042EB)
YUV	108.5880, 62.3211, 31.0563
Hunter-Lab	39.7792, 58.0275, -91.6197

Details

The Hex color **9042EB** is a light color, and the websafe version is hex **6633CC**. The color can be described as light muted purple. A complement of this color would be **9DEB42**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **CC78FF**, and **5400B2** is the 20% darker color. If you saturate the color by 10%, you get **832BEB**, and if you desaturate by 10%, it is **9D5AEB**.

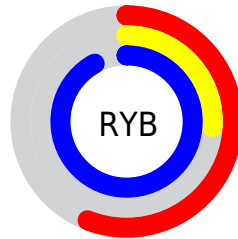
Distribution



Red (56%)

Green (26%)

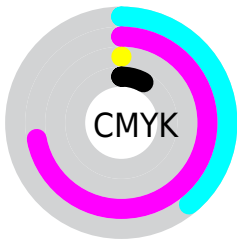
Blue (92%)



Red (56%)

Yellow (26%)

Blue (92%)

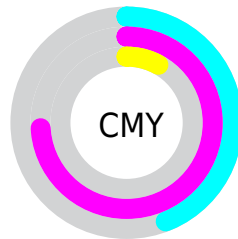


Cyan (39%)

Magenta (72%)

Yellow (0%)

Black (8%)



Cyan (44%)

Magenta (74%)

Yellow (8%)

Brightness & Saturation Gradients

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

 9042EB

 9042EB

FFFFFF

 7225CE

 CC78FF

 5400B2

 EA94FF

 330096

 FFB0FF


 00007C

 FFCCFF

 000062

 FFE9FF

 000349

 000431

 00011B

 000000

 9042EB

 9042EB

 832BEB

 9D5AEB

 7713EB

 A971EB

 6C00EB

 B689EB

 C3A0EB

 CFB8EB

 DCCFEB

 E9E7EB

 F5FEEB

 FFFFEB

Harmonies

Analogous

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



0071FF



9042EB



E000A4

Triad

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



9042EB



AF5700



008E8D

Complementary

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



9042EB



9DEB42

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.



008B36



9042EB



6B7600

Square

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



9042EB



E00100



008400



008EDB

Rectangle

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



9042EB



F3006F



008400



008D71

Sweetspot

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



9042EB



E1C7FF



429FEB



6E5E80



000000



808080

Same Dimension

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



9042EB



8924FF



E342EB



6F6A75



5400B5



190036

Inverse Universe

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



EB429D



FF249A



4AEB42



756A70



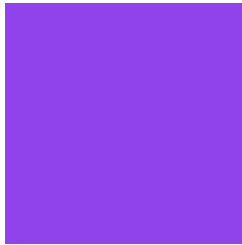
B50061



36001D

Previews

White Background



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

Color Contrast Check

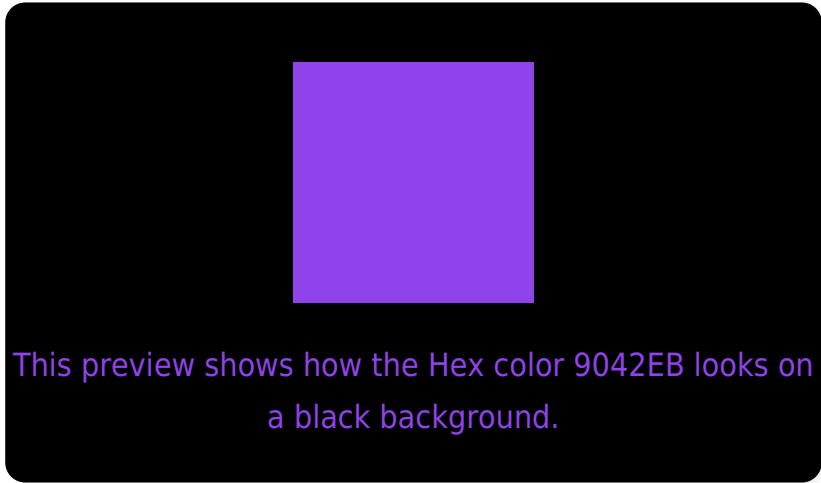
Large Text (above 18pt) WCAG AA ✓ Pass

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

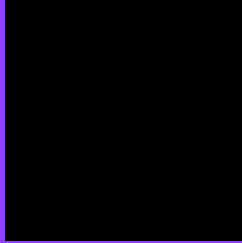
Any Text WCAG AA × Fail

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 9042EB Background



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

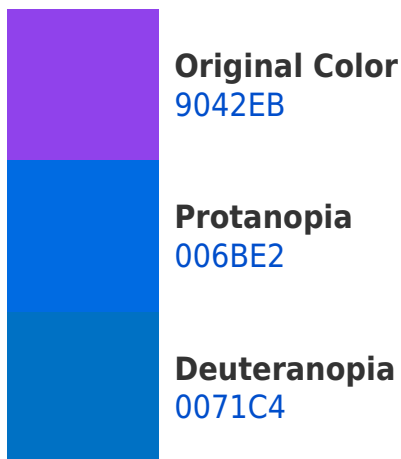


This preview shows how white text looks on a background with the Hex color 9042EB.

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](#).

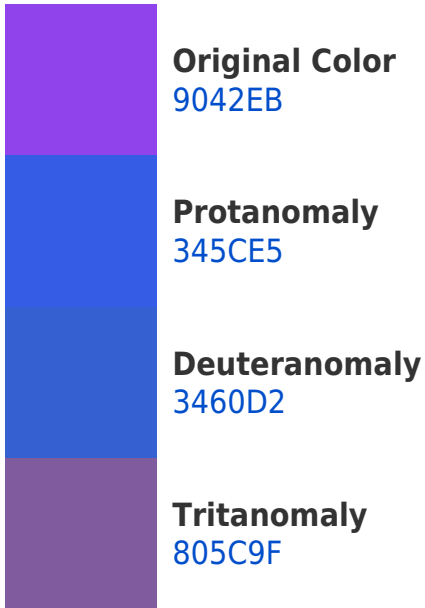
Dichromacy



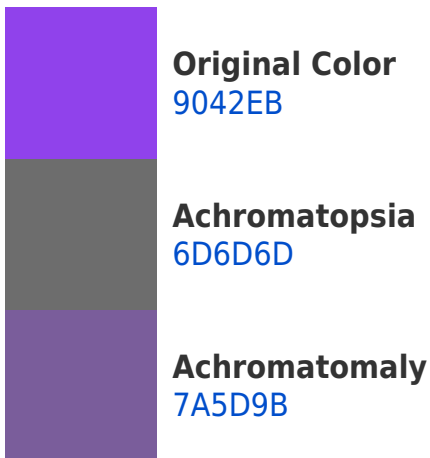


Tritanopia
776B74

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9042EB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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