

Converting Colors

Hex(9270E2)

Have a look what the booklet for
Hex(9270E2) contains.

Hex(9270E2)	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(9270E2)

Conversions

Conversions Part 1

Format	Color
Hex	9270E2
RGB	146, 112, 226
RGB Percent	57%, 44%, 89%
CMY	0.4275, 0.5608, 0.1137
CMYK	0.35, 0.50, 0.00, 0.11
HSL	258°, 66%, 66%
HSV	258°, 50%, 89%
XYZ	31.3757, 23.1903, 74.7740
YIQ	135.1620, -16.3300, 42.6620

Conversions

Conversions Part 2

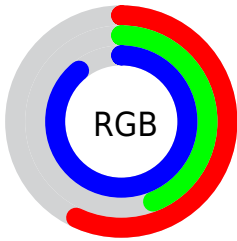
Format	Color
R_{YB}	146, 112, 226
Decimal	9597154
CIE _{Lab}	55.27, 38.37, -53.58
CIE _{LCh}	55, 65.899, 305.609
Yxy	23.1903, 0.2426, 0.1793
Android (android.graphics.Color)	4287787234 (0xFF9270E2)
YUV	135.1620, 44.7831, 9.5049
Hunter-Lab	48.1563, 32.0260, -58.3522

Details

The Hex color **9270E2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C0E270**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CBA4FF**, and **5A3FAA** is the 20% darker color. If you saturate the color by 10%, you get **8259E2**, and if you desaturate by 10%, it is **A287E2**.

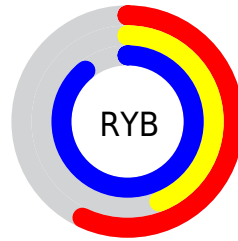
Distribution



Red (57%)

Green (44%)

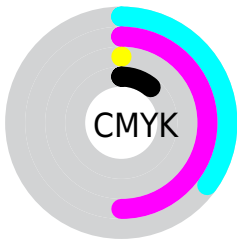
Blue (89%)



Red (57%)

Yellow (44%)

Blue (89%)

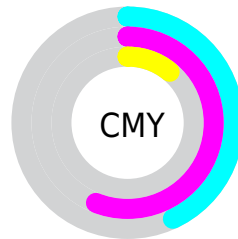


Cyan (35%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (43%)

Magenta (56%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9270E2 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 9270E2 by changing the saturation by 10% instead.

9270E2

9270E2

FFFFFF

7657C6

CBA4FF

5A3FAA

E8C0FF

3E288F

FFDCFF

1F1175

FFF9FF

00005B

000043

00032C

000116

000000

■ 9270E2

■ 9270E2

■ 8259E2

■ A287E2

■ 7243E2

■ B29DE2

■ 622CE2

■ C2B4E2

■ 5316E2

■ D1CAE2

■ 4300E2

■ E1E1E2

■ F1F8E2

■ FFFFE2

Harmonies

Analogous

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



0088F7



9270E2



D054B5

Triad

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



9270E2



C3700E



009E8E

Complementary

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



9270E2



C0E270

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.



009B52



9270E2



958500

Square

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



9270E2



E25645



599317



009DC6

Rectangle

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



9270E2



E4488F



599317



009E7A

Sweetspot

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



9270E2



E4D9FF



70C2E2



6F6980



000000



808080

Same Dimension

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



9270E2



9263FF



C970E2



686570



3400B0



0E0030

Inverse Universe

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



E270C0



FF63D1



89E270



70656D



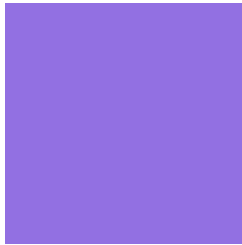
B0007B



300022

Previews

White Background



This preview shows how the Hex color 9270E2 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

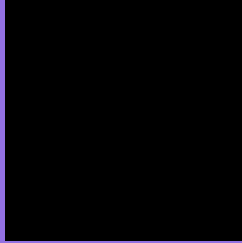
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9270E2 Background



This preview shows how black text looks on a background with the Hex color 9270E2.

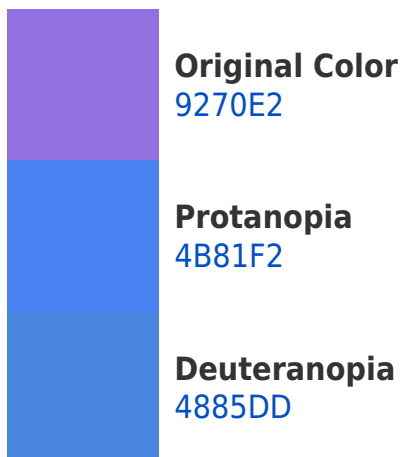


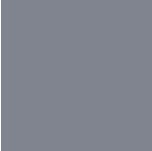
This preview shows how white text looks on a background with the Hex color 9270E2.

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](#).

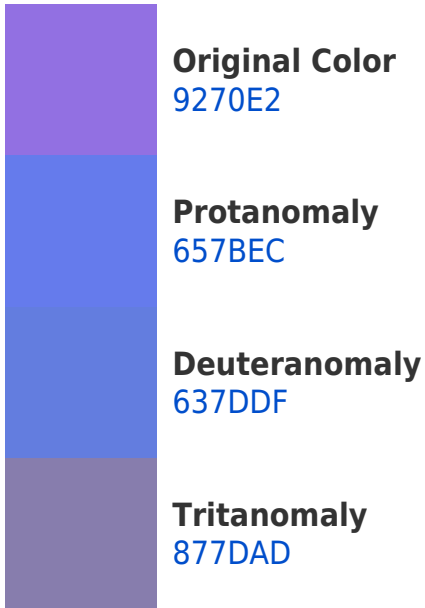
Dichromacy



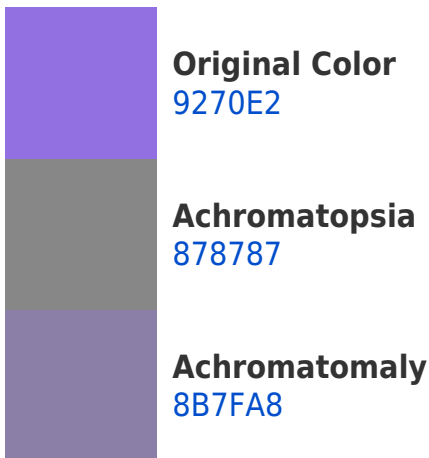


Tritanopia
80848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9270E2 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 #9270E2 looks like.

```
.text, #text, p{  
    color:#9270E2  
}
```

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 #9270E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9270E2
}
```

Border

The CSS property to change the border of an element to Hex 9270E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

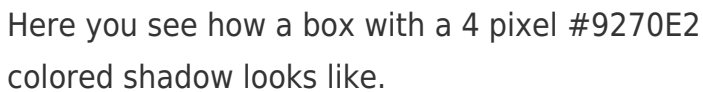
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9270E2 }
```

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

```
.border{ border-color:#9270E2 }
```

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



Here you see how a box with a 4 pixel #9270E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9270E2; -webkit-box-shadow:4px 4px  
4px 4px #9270E2; box-shadow:4px 4px 4px  
4px #9270E2 }
```

Background

The CSS property to change the background color of an element to Hex 9270E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9270E2 }
```

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

```
.background{ background-color:#9270E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor