

# Converting Colors

Hex(912EE4)

Have a look what the booklet for  
Hex(912EE4) contains.

<b>Hex(912EE4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(912EE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	912EE4
RGB	145, 46, 228
RGB Percent	57%, 18%, 89%
CMY	0.4314, 0.8196, 0.1059
CMYK	0.36, 0.80, 0.00, 0.11
HSL	273°, 77%, 54%
HSV	273°, 80%, 89%
XYZ	26.6576, 13.5752, 74.6140
YIQ	96.3490, 0.5820, 77.5900

# Conversions

## Conversions Part 2

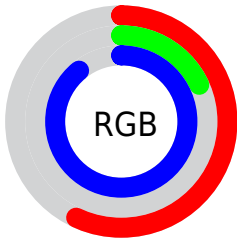
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 46, 228
Decimal	9514724
CIE Lab	43.62, 70.32, -73.54
CIE LCh	44, 101.746, 313.718
Yxy	13.5752, 0.2321, 0.1182
Android (android.graphics.Color)	4287704804 (0xFF912EE4)
YUV	96.3490, 64.9039, 42.6669
Hunter-Lab	36.8445, 64.6700, -94.2774

# Details

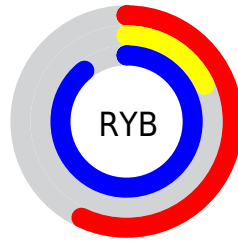
The Hex color **912EE4** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **81E42E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CD68FF**, and **5500AB** is the 20% darker color. If you saturate the color by 10%, you get **8717E4**, and if you desaturate by 10%, it is **9B45E4**.

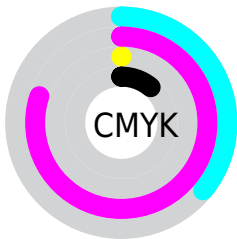
# Distribution



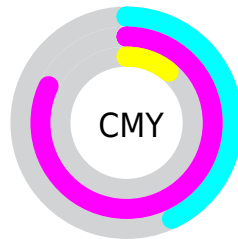
- Red (57%)
- Green (18%)
- Blue (89%)



- Red (57%)
- Yellow (18%)
- Blue (89%)



- Cyan (36%)
- Magenta (80%)
- Yellow (0%)
- Black (11%)



- Cyan (43%)
- Magenta (82%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 912EE4 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 912EE4 by changing the saturation by 10% instead.



 912EE4

 912EE4

FFFFFF

 7301C7

 CD68FF

 5500AB

 EB84FF

 340090

 FFA0FF

 050075

 FFBDFE

 00005C

 FFDAFF

 000743

 FFF7FF

 00032C

 000116

 000000

■ 912EE4

■ 912EE4

■ 8717E4

■ 9B45E4

■ 7C00E4

■ A65CE4

■ B072E4

■ BB89E4

■ C5A0E4

■ CFB7E4

■ DACEE4

■ E4E4E4

■ EFFBE4

# Harmonies

## Analogous

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



0068FF



912EE4



DF0099

# Triad

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



912EE4



A35100



00868D

# Complementary

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



912EE4



81E42E

# 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.



008333



912EE4



5A7000

# Square

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



912EE4



D70000



007D00



0086DD

# Rectangle

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



912EE4



EF0061



007D00



008570



# Sweetspot

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



912EE4



E3C2FF



2E83E4



6F5B80



000000



808080



# Same Dimension

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



912EE4



8F0AFF



E42EDE



6E6773



6100B3



1C0033



# Inverse Universe

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



E42E81



FF0A7A



2EE434



73676D



B30051

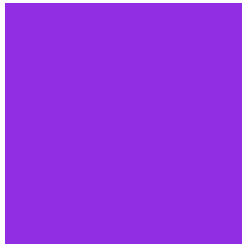


330017



# Previews

## White Background



This preview shows how the Hex color 912EE4 looks on a white background.

## Color Contrast Check

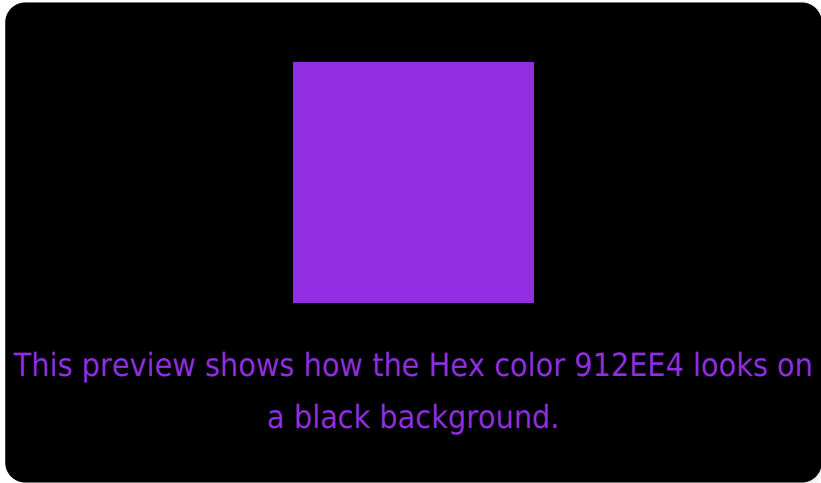
Large Text (above 18pt) WCAG AA ✓ Pass

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

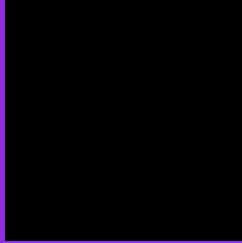
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 912EE4 Background



This preview shows how black text looks on a background with the Hex color 912EE4.

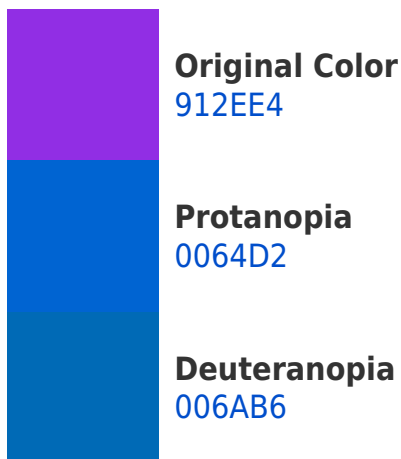


This preview shows how white text looks on a background with the Hex color 912EE4.

# 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](#).

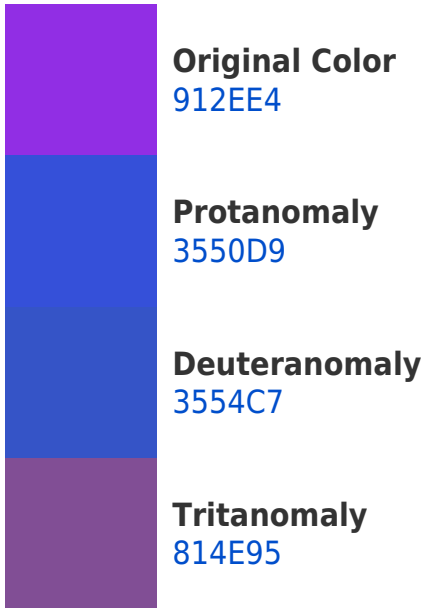
## Dichromacy



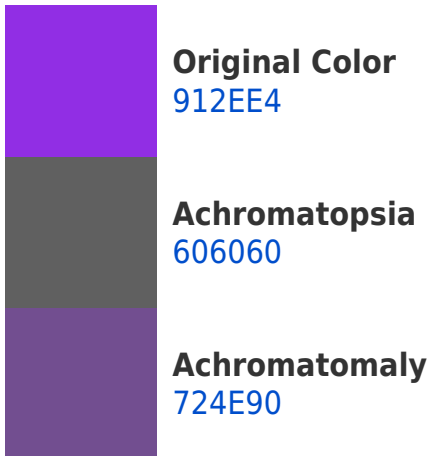


**Tritanopia**  
786168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 912EE4 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 #912EE4 looks like.

```
.text, #text, p{  
    color:#912EE4  
}
```

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 #912EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #912EE4
}
```

## Border

The CSS property to change the border of an element to Hex 912EE4 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
#912EE4 }
```

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

```
.border{ border-color:#912EE4 }
```

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

Here you see how a box with a 4 pixel #912EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #912EE4; -webkit-box-shadow:4px 4px  
4px 4px #912EE4; box-shadow:4px 4px 4px  
4px #912EE4 }
```

# Background

The CSS property to change the background color of an element to Hex 912EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#912EE4 }
```

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

```
.background{ background-color:#912EE4 }
```

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**