

Converting Colors

Hex(912FE7)

Have a look what the booklet for
Hex(912FE7) contains.

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Color

Hex(912FE7)

Conversions

Conversions Part 1

Format	Color
Hex	912FE7
RGB	145, 47, 231
RGB Percent	57%, 18%, 91%
CMY	0.4314, 0.8157, 0.0941
CMYK	0.37, 0.80, 0.00, 0.09
HSL	272°, 79%, 55%
HSV	272°, 80%, 91%
XYZ	27.1174, 13.8223, 76.8400
YIQ	97.2780, -0.6560, 78.0000

Conversions

Conversions Part 2

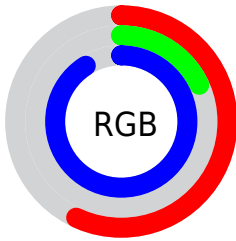
Format	Color
R _Y B	145, 47, 231
Decimal	9514983
CIE Lab	43.98, 70.64, -74.65
CIE LCh	44, 102.776, 313.417
Yxy	13.8223, 0.2302, 0.1174
Android (android.graphics.Color)	4287705063 (0xFF912FE7)
YUV	97.2780, 65.9249, 41.8522
Hunter-Lab	37.1783, 65.1333, -96.5154

Details

The Hex color **912FE7** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **85E72F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CD69FF**, and **5400AE** is the 20% darker color. If you saturate the color by 10%, you get **8618E7**, and if you desaturate by 10%, it is **9C46E7**.

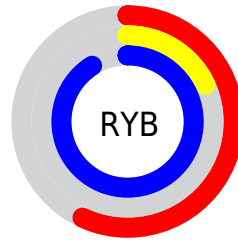
Distribution



Red (57%)

Green (18%)

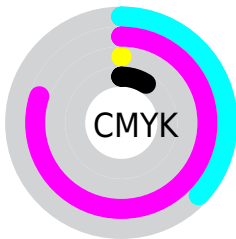
Blue (91%)



Red (57%)

Yellow (18%)

Blue (91%)

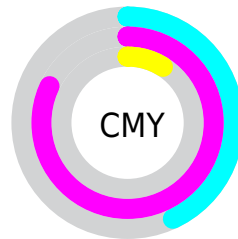


Cyan (37%)

Magenta (80%)

Yellow (0%)

Black (9%)



Cyan (43%)

Magenta (82%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 912FE7 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 912FE7 by changing the saturation by 10% instead.

 912FE7

 912FE7

FFFFFF

 7303CA

 CD69FF

 5400AE

 EB85FF

 330093

 FFA1FF

 000078

 FFBEFF

 00005E

 FFDBFF


 000745


 FFF8FF

 00042E

 000118

 000000

 912FE7

 912FE7

 8618E7

 9C46E7

 7B01E7

 A75DE7

 7B00E7

 B174E7

 BC8BE7

 C7A2E7

 D2BAE7

 DDD1E7

 E7E8E7

 F2FFE7

Harmonies

Analogous

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



0069FF



912FE7



E1009B

Triad

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



912FE7



A55200



00878E

Complementary

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



912FE7



85E72F

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.



008432



912FE7



5C7100

Square

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



912FE7



D90000



007F00



0087DE

Rectangle

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



912FE7



F20063



007F00



008670

Sweetspot

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



912FE7



E2C2FF



2F88E7



6E5B80



000000



808080

Same Dimension

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



912FE7



8D0AFF



E72FE4



6D6773



5F00B3



1B0033

Inverse Universe

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



E72F85



FF0A7D



2FE732



73676D



B30053



330018

Previews

White Background



This preview shows how the Hex color 912FE7 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

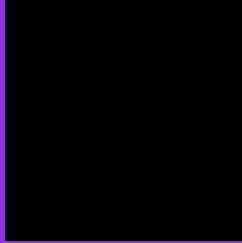
Any Text WCAG AA × Fail

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 912FE7 Background



This preview shows how black text looks on a background with the Hex color 912FE7.

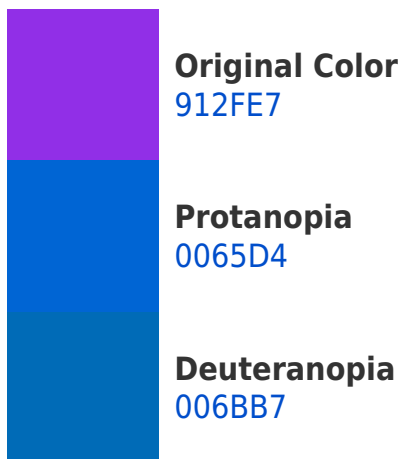



This preview shows how white text looks on a background with the Hex color 912FE7.

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](#).

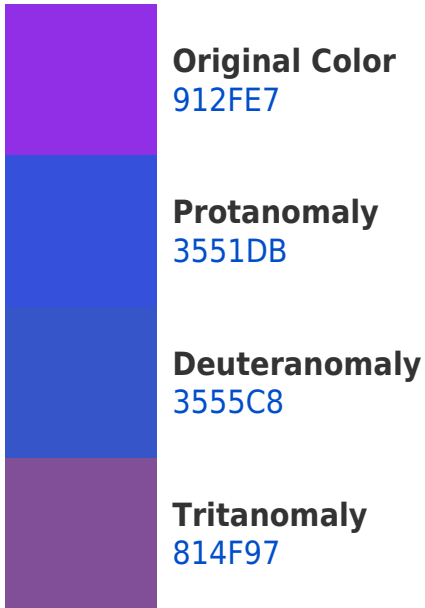
Dichromacy



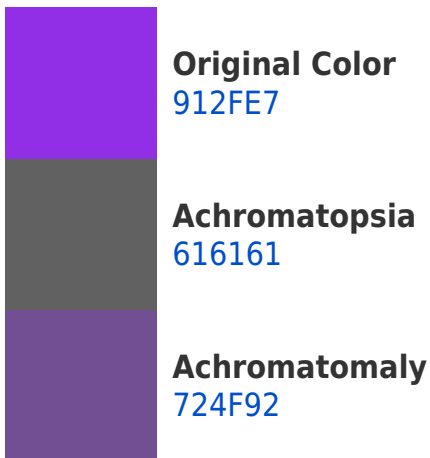


Tritanopia
78626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 912FE7 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 #912FE7 looks like.

```
.text, #text, p{  
    color:#912FE7  
}
```

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 #912FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #912FE7
}
```

Border

The CSS property to change the border of an element to Hex 912FE7 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".

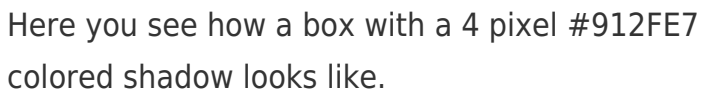
```
.border, #border, table{ border:4px solid
#912FE7 }
```

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

```
.border{ border-color:#912FE7 }
```

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

Here you see how a box with a 4 pixel #912FE7 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #912FE7 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #912FE7; -webkit-box-shadow:4px 4px  
4px 4px #912FE7; box-shadow:4px 4px 4px  
4px #912FE7 }
```

Background

The CSS property to change the background color of an element to Hex 912FE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#912FE7 }
```

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

```
.background{ background-color:#912FE7 }
```

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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