

Converting Colors

Hex(9166FA)

Have a look what the booklet for
Hex(9166FA) contains.

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Color

Hex(9166FA)

Conversions

Conversions Part 1

Format	Color
Hex	9166FA
RGB	145, 102, 250
RGB Percent	57%, 40%, 98%
CMY	0.4314, 0.6000, 0.0196
CMYK	0.42, 0.59, 0.00, 0.02
HSL	257°, 94%, 69%
HSV	257°, 59%, 98%
XYZ	33.6837, 22.4246, 92.9955
YIQ	131.7290, -21.8800, 55.1440

Conversions

Conversions Part 2

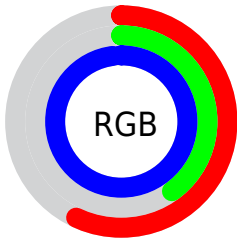
Format	Color
RYB	145, 102, 250
Decimal	9529082
CIELab	54.47, 50.06, -68.25
CIELCh	54, 84.641, 306.261
Yxy	22.4246, 0.2259, 0.1504
Android (android.graphics.Color)	4287719162 (0xFF9166FA)
YUV	131.7290, 58.3076, 11.6387
Hunter-Lab	47.3546, 44.0979, -83.2861

Details

The Hex color **9166FA** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CFFA66**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CC9BFF**, and **5534C0** is the 20% darker color. If you saturate the color by 10%, you get **7F4DFA**, and if you desaturate by 10%, it is **A37FFA**.

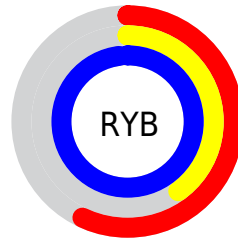
Distribution



Red (57%)

Green (40%)

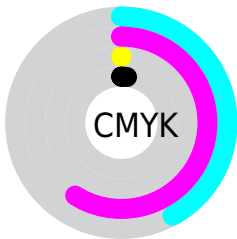
Blue (98%)



Red (57%)

Yellow (40%)

Blue (98%)

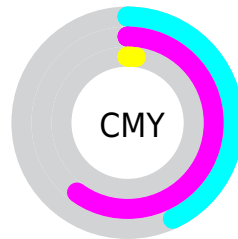


Cyan (42%)

Magenta (59%)

Yellow (0%)

Black (2%)



Cyan (43%)


Magenta (60%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9166FA 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 9166FA by changing the saturation by 10% instead.

 9166FA

 9166FA

FFFFFF

 734DDD

 CC9BFF

 5534C0

 EAB6FF

 351BA5

 FFD2FF


 00008A

 FFEFFF

 00006F

 000056

 00063D

 000327

 000110

9166FA

9166FA

7F4DFA

A37FFA

6E34FA

B498FA

5C1BFA

C6B1FA

4A02FA

D8CAFA

4900FA

EAE3FA

FBFCFA

FFFFFFA

Harmonies

Analogous

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



0087FF



9166FA



E333BF

Triad

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



9166FA



CB6800



00A190

Complementary

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



9166FA



CFFA66

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.



009D43



9166FA



918500

Square

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



9166FA



F33B2F



3E9500



00A0D8

Rectangle

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



9166FA



FA048F



3E9500



00A077

Sweetspot

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



9166FA



DED1FF



66D0FA



6C6380



000000



808080

Same Dimension

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



9166FA



7F4AFF



DA66FA



74707D



3700BD



12003D

Inverse Universe

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



FA66CF



FF4ACA



86FA66



7D7079



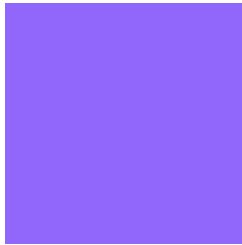
BD0086



3D002B

Previews

White Background



This preview shows how the Hex color 9166FA looks on a white background.

Color Contrast Check

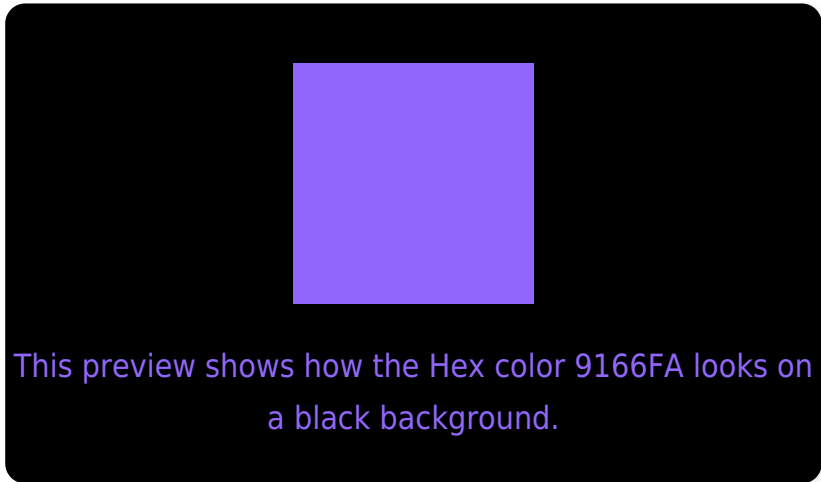
Large Text (above 18pt) WCAG AA ✓ Pass

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

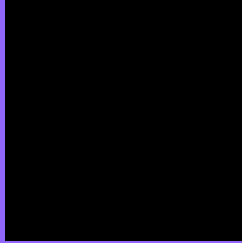
Any Text WCAG AA ✓ Pass

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 9166FA Background



This preview shows how black text looks on a background with the Hex color 9166FA.



This preview shows how white text looks on a background with the Hex color 9166FA.

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](#).

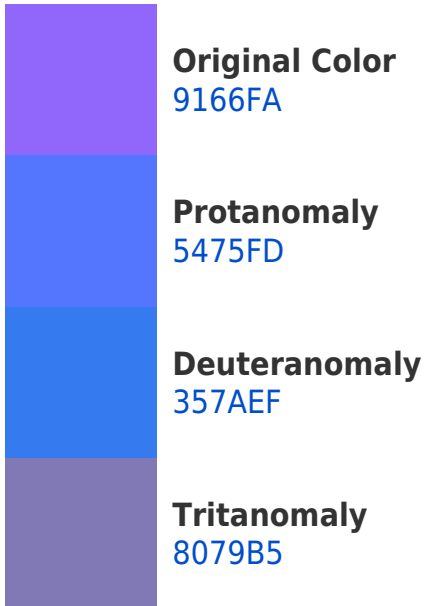
Dichromacy



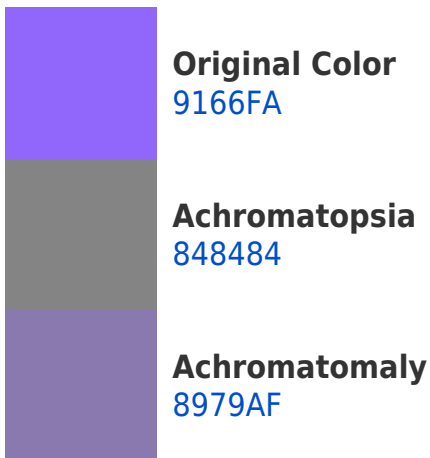


Tritanopia
77848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9166FA 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 #9166FA looks like.

```
.text, #text, p{  
    color:#9166FA  
}
```

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 #9166FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9166FA
}
```

Border

The CSS property to change the border of an element to Hex 9166FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

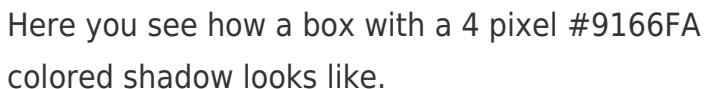
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9166FA }
```

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

```
.border{ border-color:#9166FA }
```

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



Here you see how a box with a 4 pixel #9166FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9166FA; -webkit-box-shadow:4px 4px  
4px 4px #9166FA; box-shadow:4px 4px 4px  
4px #9166FA }
```

Background

The CSS property to change the background color of an element to Hex 9166FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9166FA }
```

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

```
.background{ background-color:#9166FA }
```

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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