

Converting Colors

Hex(9046FF)

Have a look what the booklet for
Hex(9046FF) contains.

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Color

Hex(9046FF)

Conversions

Conversions Part 1

Format	Color
Hex	9046FF
RGB	144, 70, 255
RGB Percent	56%, 27%, 100%
CMY	0.4353, 0.7255, 0.0000
CMYK	0.44, 0.73, 0.00, 0.00
HSL	264°, 100%, 64%
HSV	264°, 73%, 100%
XYZ	31.7418, 17.5296, 96.3183
YIQ	113.2160, -15.2810, 73.2230

Conversions

Conversions Part 2

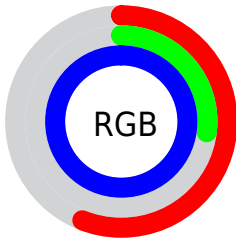
Format	Color
RYB	144, 70, 255
Decimal	9455359
CIELab	48.92, 67.07, -80.06
CIElCh	49, 104.438, 309.954
Yxy	17.5296, 0.2180, 0.1204
Android (android.graphics.Color)	4287645439 (0xFF9046FF)
YUV	113.2160, 69.8995, 26.9976
Hunter-Lab	41.8684, 62.0569, -107.0889

Details

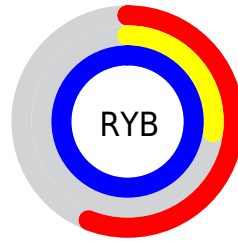
The Hex color **9046FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **B5FF46**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CD7CFF**, and **5102C5** is the 20% darker color. If you saturate the color by 10%, you get **812DFF**, and if you desaturate by 10%, it is **9F60FF**.

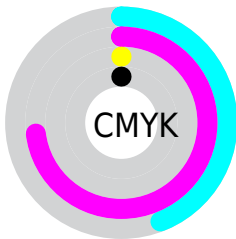
Distribution



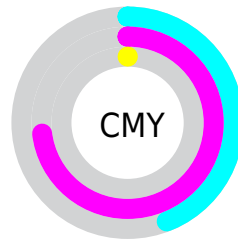
- Red (56%)
- Green (27%)
- Blue (100%)



- Red (56%)
- Yellow (27%)
- Blue (100%)



- Cyan (44%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9046FF 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 9046FF by changing the saturation by 10% instead.

 9046FF

 9046FF

FFFFFF

 7129E2

 CD7CFF

 5102C5

 EC98FF

 2B00A9

 FFB4FF

 00008D

 FFD1FF

 000073

 FFEEFF

 000059

 000741

 00032A

 000114

9046FF

9046FF

812DFF

9F60FF

7113FF

AF79FF

6600FF

BE93FF

CDACFF

DCC6FF

ECDFFF

FBF9FF

FFFFFF

Harmonies

Analogous

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



0079FF



9046FF



EC00B3

Triad

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



9046FF



BC5800



009591

Complementary

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



9046FF



B5FF46

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.



009231



9046FF



737B00

Square

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



9046FF



F00000



008B00



0095E6

Rectangle

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



9046FF



FF0079



008B00



009472

Sweetspot

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



9046FF



DDC7FF



46B5FF



6C5E80



000000



808080

Same Dimension

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



9046FF



7A21FF



ED46FF



787380



4C00BF



190040

Inverse Universe

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



FF46B5



FF21A6



59FF46



80737A



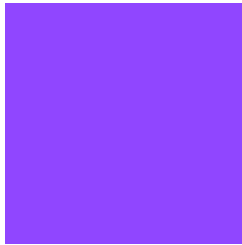
BF0073



400026

Previews

White Background



This preview shows how the Hex color 9046FF looks on a white background.

Color Contrast Check

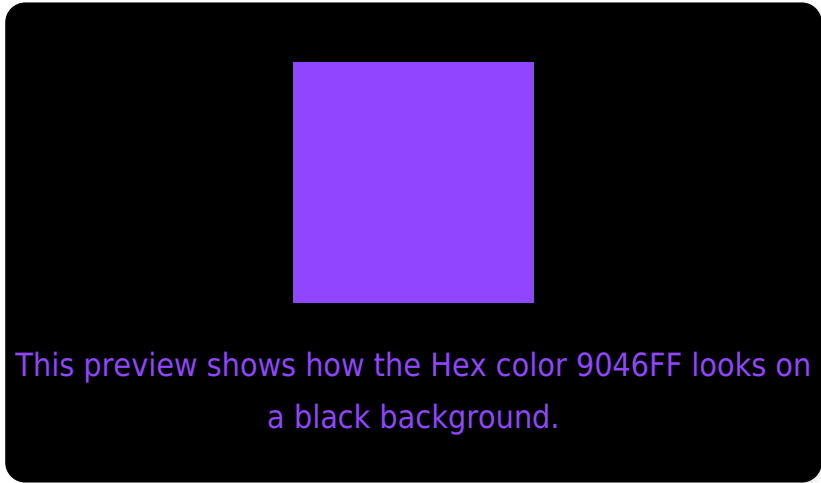
Large Text (above 18pt) WCAG AA ✓ Pass

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

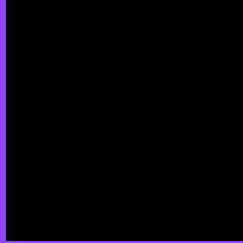
Any Text WCAG AA ✓ Pass

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 9046FF Background



This preview shows how black text looks on a background with the Hex color 9046FF.

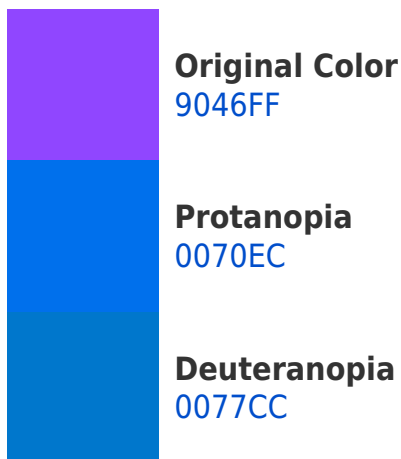


This preview shows how white text looks on a background with the Hex color 9046FF.

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](#).

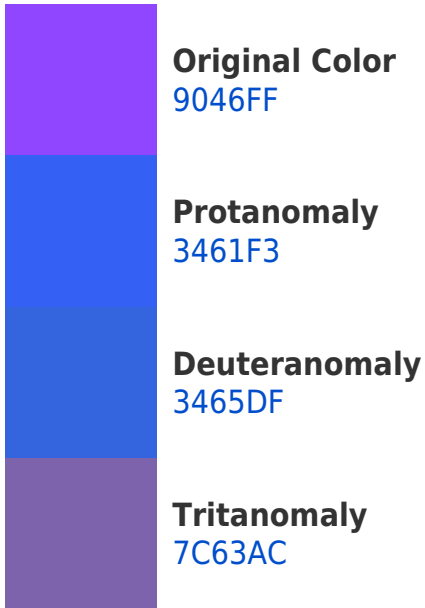
Dichromacy



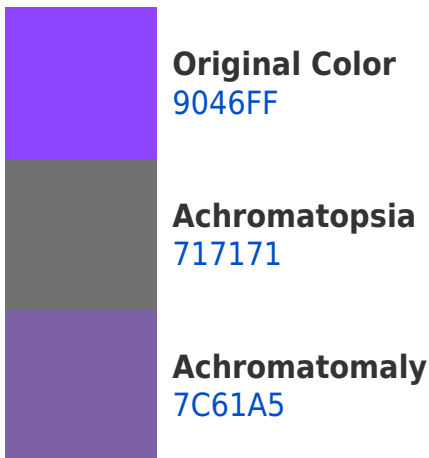


Tritanopia
71747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9046FF 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 #9046FF looks like.

```
.text, #text, p{  
    color:#9046FF  
}
```

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 #9046FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9046FF
}
```

Border

The CSS property to change the border of an element to Hex 9046FF 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".

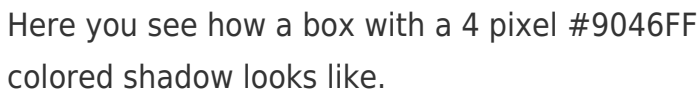
```
.border, #border, table{ border:4px solid
#9046FF }
```

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

```
.border{ border-color:#9046FF }
```

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

Here you see how a box with a 4 pixel #9046FF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9046FF; -webkit-box-shadow:4px 4px  
4px 4px #9046FF; box-shadow:4px 4px 4px  
4px #9046FF }
```

Background

The CSS property to change the background color of an element to Hex 9046FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9046FF }
```

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

```
.background{ background-color:#9046FF }
```

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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