

Converting Colors

Hex(9D68F4)

Have a look what the booklet for
Hex(9D68F4) contains.

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Color

Hex(9D68F4)

Conversions

Conversions Part 1

Format	Color
Hex	9D68F4
RGB	157, 104, 244
RGB Percent	62%, 41%, 96%
CMY	0.3843, 0.5922, 0.0431
CMYK	0.36, 0.57, 0.00, 0.04
HSL	263°, 86%, 68%
HSV	263°, 57%, 96%
XYZ	35.1841, 23.6004, 88.2889
YIQ	135.8070, -13.3520, 54.7760

Conversions

Conversions Part 2

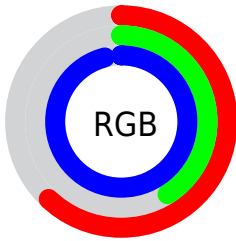
Format	Color
R _Y B	157, 104, 244
Decimal	10316020
CIE _{Lab}	55.69, 50.02, -62.90
CIE _{LCh}	56, 80.368, 308.491
Yxy	23.6004, 0.2392, 0.1605
Android (android.graphics.Color)	4288506100 (0xFF9D68F4)
YUV	135.8070, 53.3391, 18.5863
Hunter-Lab	48.5802, 44.2627, -73.7465

Details

The Hex color **9D68F4** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BFF468**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D89DFF**, and **6335BB** is the 20% darker color. If you saturate the color by 10%, you get **8E50F4**, and if you desaturate by 10%, it is **AC80F4**.

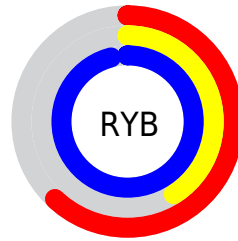
Distribution



Red (62%)

Green (41%)

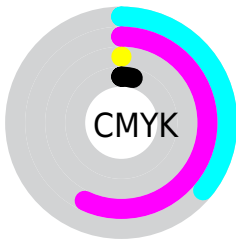
Blue (96%)



Red (62%)

Yellow (41%)

Blue (96%)

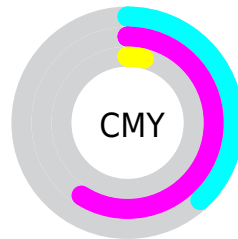


Cyan (36%)

Magenta (57%)

Yellow (0%)

Black (4%)



Cyan (38%)

Magenta (59%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D68F4 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 9D68F4 by changing the saturation by 10% instead.

 9D68F4

 9D68F4

FFFFFF

 804FD7

 D89DFF

 6335BB

 F5B8FF

 461C9F

 FFD5FF

 250084

 FFF1FF

 00006A

 000051

 000539

 000223

 000009

 9D68F4

 9D68F4

 8E50F4

 AC80F4

 7F37F4

 BB99F4

 701FF4

 CAB1F4

 6006F4

 DACAF4

 5C00F4

 E9E2F4

 F8FAF4

 FFFFF4

Harmonies

Analogous

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



0088FF



9D68F4



E53DBA

Triad

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



9D68F4



C96F00



00A398

Complementary

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



9D68F4



BFF468

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.



00A04F



9D68F4



908900

Square

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



9D68F4



F14931



3F9800



00A2DB

Rectangle

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



9D68F4



FA268C



3F9800



00A380

Sweetspot

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



9D68F4



E4D4FF



68C1F4



706680



000000



808080

Same Dimension

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



9D68F4



924FFF



E168F4



736E7A



4600BA



16003B

Inverse Universe

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



F468BF



FF4FBC



7BF468



7A6E76



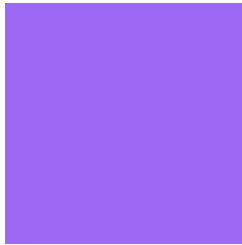
BA0074



3B0024

Previews

White Background



This preview shows how the Hex color 9D68F4 looks on a white background.

Color Contrast Check

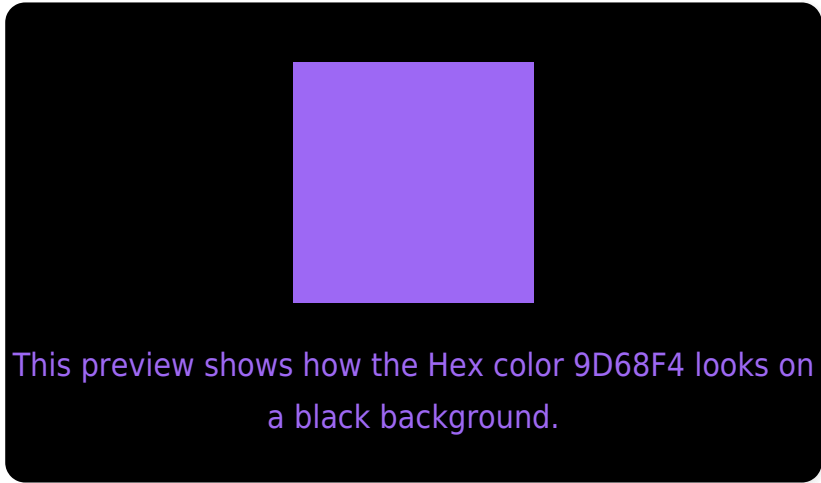
Large Text (above 18pt) WCAG AA ✓ Pass

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

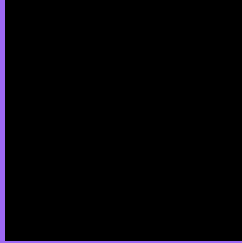
Any Text WCAG AA ✓ Pass

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 9D68F4 Background



This preview shows how black text looks on a background with the Hex color 9D68F4.

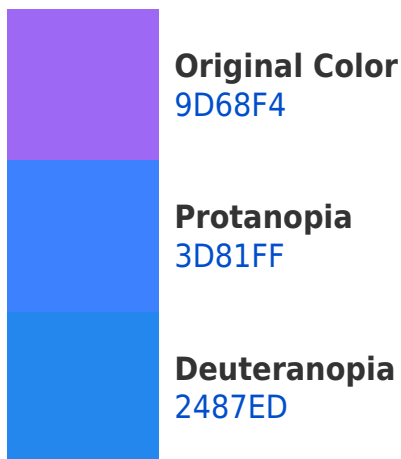


This preview shows how white text looks on a background with the Hex color 9D68F4.

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](#).

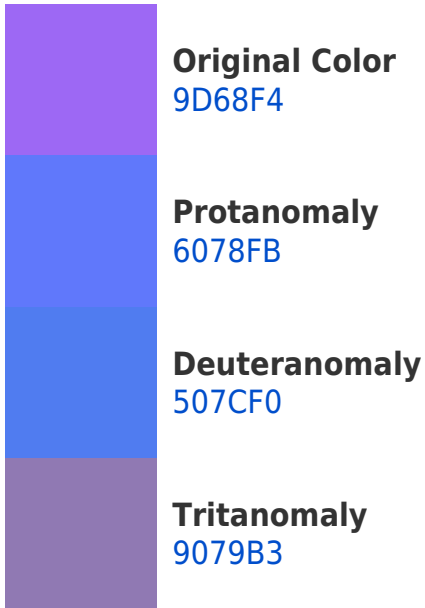
Dichromacy



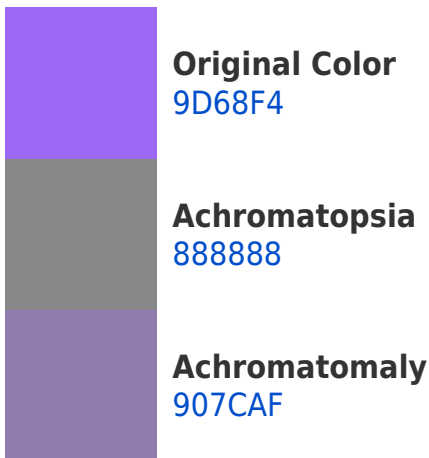


Tritanopia
88838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D68F4 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 #9D68F4 looks like.

```
.text, #text, p{  
    color:#9D68F4  
}
```

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 #9D68F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D68F4
}
```

Border

The CSS property to change the border of an element to Hex 9D68F4 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
#9D68F4 }
```

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

```
.border{ border-color:#9D68F4 }
```

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

Here you see how a box with a 4 pixel #9D68F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D68F4; -webkit-box-shadow:4px 4px  
4px 4px #9D68F4; box-shadow:4px 4px 4px  
4px #9D68F4 }
```

Background

The CSS property to change the background color of an element to Hex 9D68F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D68F4 }
```

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

```
.background{ background-color:#9D68F4 }
```

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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