

Converting Colors

Hex(9676F4)

Have a look what the booklet for
Hex(9676F4) contains.

Hex(9676F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9676F4)

Conversions

Conversions Part 1

Format	Color
Hex	9676F4
RGB	150, 118, 244
RGB Percent	59%, 46%, 96%
CMY	0.4118, 0.5373, 0.0431
CMYK	0.39, 0.52, 0.00, 0.04
HSL	255°, 85%, 71%
HSV	255°, 52%, 96%
XYZ	35.3852, 25.9726, 88.7361
YIQ	141.9320, -21.3740, 45.9700

Conversions

Conversions Part 2

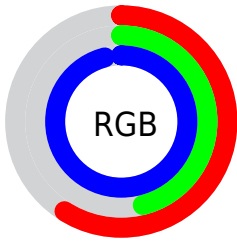
Format	Color
R _Y B	150, 118, 244
Decimal	9860852
CIE Lab	58.01, 40.68, -59.21
CIE LCh	58, 71.837, 304.491
Yxy	25.9726, 0.2358, 0.1730
Android (android.graphics.Color)	4288050932 (0xFF9676F4)
YUV	141.9320, 50.3195, 7.0756
Hunter-Lab	50.9633, 34.7519, -67.5602

Details

The Hex color **9676F4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D4F476**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D0ABFF**, and **5D44BB** is the 20% darker color. If you saturate the color by 10%, you get **845EF4**, and if you desaturate by 10%, it is **A88EF4**.

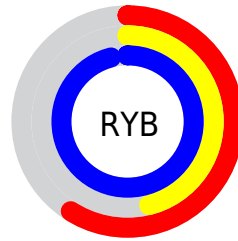
Distribution



Red (59%)

Green (46%)

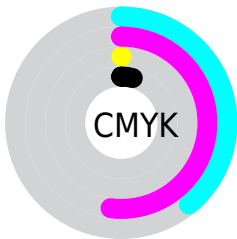
Blue (96%)



Red (59%)

Yellow (46%)

Blue (96%)

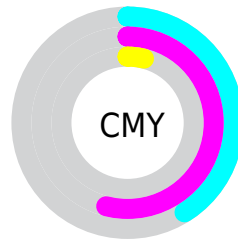


Cyan (39%)

Magenta (52%)

Yellow (0%)

Black (4%)



Cyan (41%)

Magenta (54%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9676F4 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 9676F4 by changing the saturation by 10% instead.

 9676F4

 9676F4

FFFFFF

 795DD7

 D0ABFF

 5D44BB

 EEC6FF

 3F2D9F

 FFE3FF

 1D1685

 00016B

 000052

 000539

 000223

 00000A

■ 9676F4

■ 9676F4

■ 845EF4

■ A88EF4

■ 7245F4

■ BAA7F4

■ 5F2DF4

■ CDBFF4

■ 4D14F4

■ DFD8F4

■ 3E00F4

■ F1F0F4

■ FFFFF4

Harmonies

Analogous

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



0090FF



9676F4



DD56C3

Triad

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



9676F4



D17302



00A793

Complementary

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



9676F4



D4F476

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.



00A452



9676F4



9F8C00

Square

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



9676F4



F25648



5D9C07



00A7D1

Rectangle

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



9676F4



F4479A



5D9C07



00A77D

Sweetspot

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



9676F4



E2D9FF



76D5F4



6E6980



000000



808080

Same Dimension

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



9676F4



8961FF



D576F4



716E7A



2F00BA



0F003B

Inverse Universe

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



F476D4



FF61D7



95F476



7A6E77



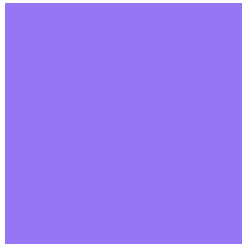
BA008B



3B002C

Previews

White Background



This preview shows how the Hex color 9676F4 looks on a white background.

Color Contrast Check

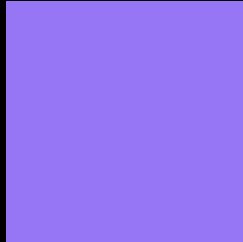
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 9676F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

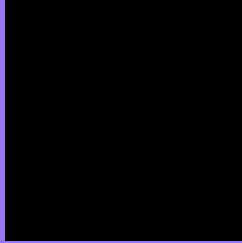
Any Text WCAG AA ✓ Pass

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 9676F4 Background



This preview shows how black text looks on a background with the Hex color 9676F4.



This preview shows how white text looks on a background with the Hex color 9676F4.

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](#).

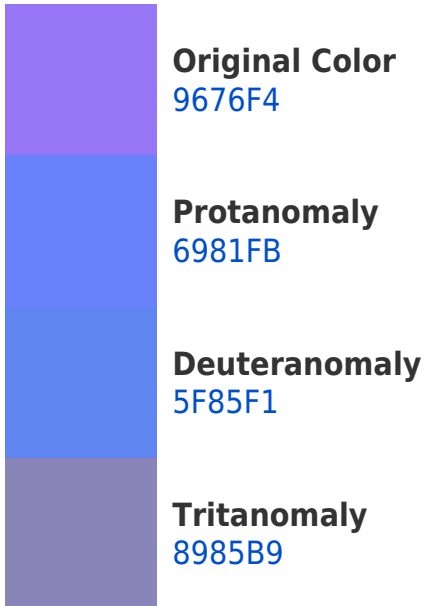
Dichromacy





Tritanopia
818D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9676F4 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 #9676F4 looks like.

```
.text, #text, p{  
    color:#9676F4  
}
```

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 #9676F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9676F4
}
```

Border

The CSS property to change the border of an element to Hex 9676F4 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
#9676F4 }
```

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

```
.border{ border-color:#9676F4 }
```

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

Here you see how a box with a 4 pixel #9676F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9676F4; -webkit-box-shadow:4px 4px  
4px 4px #9676F4; box-shadow:4px 4px 4px  
4px #9676F4 }
```

Background

The CSS property to change the background color of an element to Hex 9676F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9676F4 }
```

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

```
.background{ background-color:#9676F4 }
```

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