

# Converting Colors

Hex(9F80E4)

Have a look what the booklet for  
Hex(9F80E4) contains.

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# Color

**Hex(9F80E4)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9F80E4
RGB	159, 128, 228
RGB Percent	62%, 50%, 89%
CMY	0.3765, 0.4980, 0.1059
CMYK	0.30, 0.44, 0.00, 0.11
HSL	259°, 65%, 70%
HSV	259°, 44%, 89%
XYZ	36.0208, 28.4107, 76.9841
YIQ	148.6690, -13.6240, 37.6720

# Conversions

## Conversions Part 2

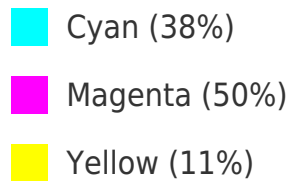
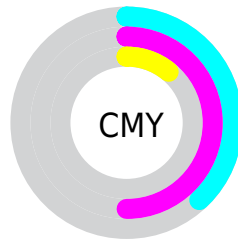
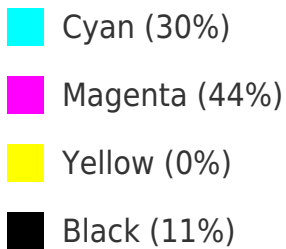
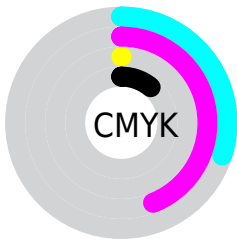
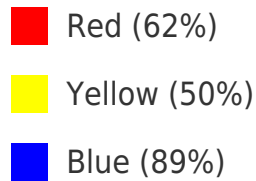
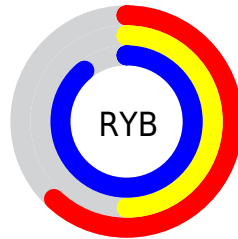
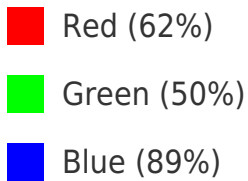
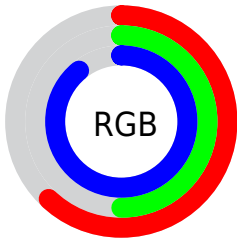
Format	Color
<a href="#">RYB</a>	<a href="#">159, 128, 228</a>
Decimal	<a href="#">10453220</a>
CIELab	<a href="#">60.26, 33.14, -46.69</a>
CIELCh	<a href="#">60, 57.256, 305.360</a>
Yxy	<a href="#">28.4107, 0.2547, 0.2009</a>
Android (android.graphics.Color)	<a href="#">4288643300</a> (0xFF9F80E4)
YUV	<a href="#">148.6690, 39.1102, 9.0603</a>
Hunter-Lab	<a href="#">53.3017, 27.3508, -48.3219</a>

# Details

The Hex color **9F80E4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C5E480**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D8B5FF**, and **684EAC** is the 20% darker color. If you saturate the color by 10%, you get **8F69E4**, and if you desaturate by 10%, it is **AF97E4**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 9F80E4 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 9F80E4 by changing the saturation by 10% instead.

 9F80E4

FFFFFF

 D8B5FF

 F5D1FF

 FFEDFF

 9F80E4

 8367C8

 684EAC

 4D3791

 322077

 130A5E

 000046

 00042E

 000118

 000000

 9F80E4

 9F80E4

 8F69E4

 AF97E4

 8052E4

 BEAEE4

 703CE4

 CEC4E4

 6025E4

 DEDBE4

 500EE4

 EEF2E4

 4700E4

 FDFFE4

 FFFFE4

# Harmonies

## Analogous

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



2E94F6



9F80E4



D56BBC

# Triad

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



9F80E4



CD7F33



00AA99

# Complementary

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



9F80E4



C5E480

# 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.



02A765



9F80E4



A39222

# Square

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



9F80E4



E76C5A



6F9F39



00A8CA

# Rectangle

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



9F80E4



E8639B



6F9F39



00A987

# Sweetspot

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



9F80E4



E8DEFF



80C6E4



716B80



000000



808080



# Same Dimension

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



9F80E4



A278FF



D080E4



6B6773



3700B3



100033



# Inverse Universe

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



E480C5



FF78D5



94E480



73676F



B3007B

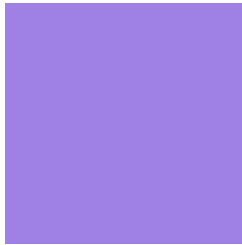


330023



# Previews

## White Background



This preview shows how the Hex color 9F80E4 looks on a white background.

## Color Contrast Check

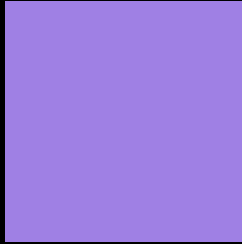
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F80E4 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 9F80E4 Background



This preview shows how black text looks on a background with the Hex color 9F80E4.



This preview shows how white text looks on a background with the Hex color 9F80E4.

# 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



**Original Color**

9F80E4

**Protanopia**

698EF1





**Deuteranopia**

6991E0






**Tritanopia**  
91909C

# Trichromacy

	<b>Original Color</b> 9F80E4
	<b>Protanomaly</b> 7D89EC
	<b>Deuteranomaly</b> 7D8BE1
	<b>Tritanomaly</b> 968AB6

# Monochromacy

	<b>Original Color</b> 9F80E4
	<b>Achromatopsia</b> 959595
	<b>Achromatomaly</b> 998DB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F80E4 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 #9F80E4 looks like.

```
.text, #text, p{  
    color:#9F80E4  
}
```

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 #9F80E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F80E4
}
```

## Border

The CSS property to change the border of an element to Hex 9F80E4 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
#9F80E4 }
```

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

```
.border{ border-color:#9F80E4 }
```

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

Here you see how a box with a 4 pixel #9F80E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F80E4; -webkit-box-shadow:4px 4px  
4px 4px #9F80E4; box-shadow:4px 4px 4px  
4px #9F80E4 }
```

# Background

The CSS property to change the background color of an element to Hex 9F80E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F80E4 }
```

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

```
.background{ background-color:#9F80E4 }
```

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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