

# Converting Colors

Hex(9206F6)

Have a look what the booklet for  
Hex(9206F6) contains.

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**Color**

**Hex(9206F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9206F6
RGB	146, 6, 246
RGB Percent	57%, 2%, 96%
CMY	0.4275, 0.9765, 0.0353
CMYK	0.41, 0.98, 0.00, 0.04
HSL	275°, 95%, 49%
HSV	275°, 98%, 96%
XYZ	28.5537, 12.8951, 88.1728
YIQ	75.2200, 6.4000, 104.3200

# Conversions

## Conversions Part 2

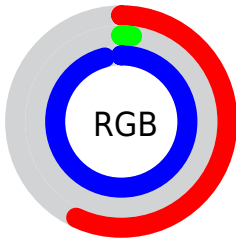
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 6, 246
Decimal	9570038
CIE <sub>Lab</sub>	42.60, 82.27, -85.38
CIE <sub>LCh</sub>	43, 118.560, 313.937
Yxy	12.8951, 0.2203, 0.0995
Android (android.graphics.Color)	4287760118 (0xFF9206F6)
YUV	75.2200, 84.1945, 62.0741
Hunter-Lab	35.9097, 79.0930, -120.4441

# Details

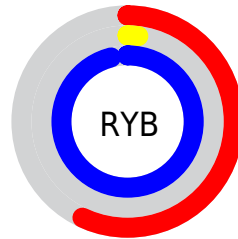
The Hex color **9206F6** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **6AF606**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **D057FF**, and **5200BC** is the 20% darker color. If you saturate the color by 10%, you get **8F00F6**, and if you desaturate by 10%, it is **9C1FF6**.

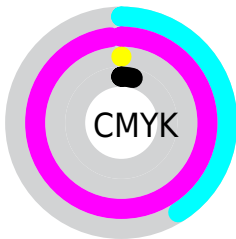
# Distribution



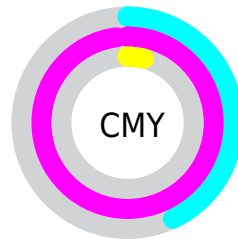
- Red (57%)
- Green (2%)
- Blue (96%)



- Red (57%)
- Yellow (2%)
- Blue (96%)



- Cyan (41%)
- Magenta (98%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (98%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9206F6 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 9206F6 by changing the saturation by 10% instead.



 9206F6

 9206F6

FFFFFF

 7300D9

 D057FF

 5200BC

 EF74FF

 2C00A0

 FF91FF

 000085

 FFAEFF

 00006A

 FFC0FF

 000551

 FFEAFF

 000539

 000223

 000009

 9206F6

 9206F6

 8F00F6

 9C1FF6

 A637F6

 B150F6

 BB68F6

 C581F6

 CF9AF6

 DAB2F6

 E4CBF6

 EEE3F6

# Harmonies

## Analogous

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



0067FF



9206F6



EE009D

# Triad

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



9206F6



A54B00



008592

# Complementary

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



9206F6



6AF606

# 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.



008227



9206F6



4F6F00

# Square

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



9206F6



E10000



007D00



0087EF

# Rectangle

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



9206F6



FF005D



007D00



008470



# Sweetspot

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



9206F6



E0B5FF



066AF6



6D5380



000000



808080



# Same Dimension

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



9206F6



9500FF



F606E2



756E7A



6D00BA



22003B



# Inverse Universe

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



F6066A



FF006A



06F61A



7A6E73



BA004E

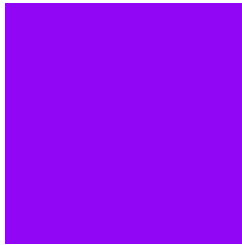


3B0018



# Previews

## White Background



This preview shows how the Hex color 9206F6 looks on a white background.

## Color Contrast Check

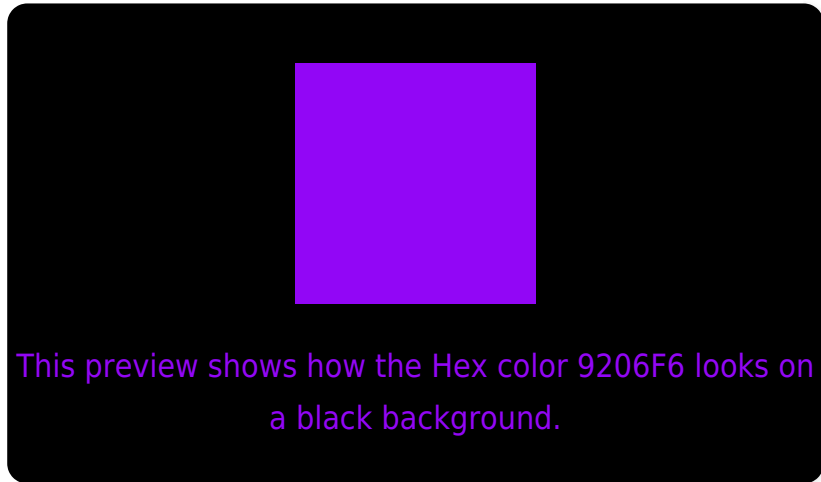
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

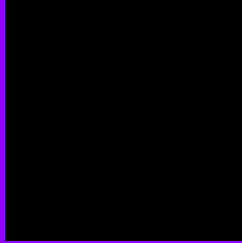
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9206F6 Background



This preview shows how black text looks on a background with the Hex color 9206F6.




This preview shows how white text looks on a background with the Hex color 9206F6.

# 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**  
736068

# Trichromacy



**Original Color**  
9206F6



**Protanomaly**  
3541DD



**Deuteranomaly**  
3544CA



**Tritanomaly**  
7E3F9C

# Monochromacy



**Original Color**  
9206F6



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
653289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9206F6 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 #9206F6 looks like.

```
.text, #text, p{  
    color:#9206F6  
}
```

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 #9206F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9206F6
}
```

## Border

The CSS property to change the border of an element to Hex 9206F6 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".

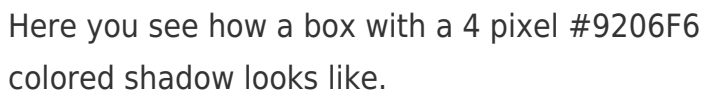
```
.border, #border, table{ border:4px solid
#9206F6 }
```

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

```
.border{ border-color:#9206F6 }
```

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

Here you see how a box with a 4 pixel #9206F6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9206F6; -webkit-box-shadow:4px 4px  
4px 4px #9206F6; box-shadow:4px 4px 4px  
4px #9206F6 }
```

# Background

The CSS property to change the background color of an element to Hex 9206F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9206F6 }
```

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

```
.background{ background-color:#9206F6 }
```

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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