

Converting Colors

Hex(9876F5)

Have a look what the booklet for
Hex(9876F5) contains.

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Color

Hex(9876F5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9876F5 |
| RGB | 152, 118, 245 |
| RGB Percent | 60%, 46%, 96% |
| CMY | 0.4039, 0.5373, 0.0392 |
| CMYK | 0.38, 0.52, 0.00, 0.04 |
| HSL | 256°, 86%, 71% |
| HSV | 256°, 52%, 96% |
| XYZ | 35.9088, 26.2248, 89.5555 |
| YIQ | 142.6440, -20.5030, 46.7050 |

Conversions

Conversions Part 2

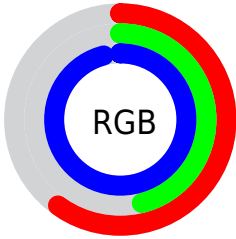
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 152, 118, 245 |
| Decimal | 9991925 |
| CIE _{Lab} | 58.25, 41.42, -59.37 |
| CIE _{LCh} | 58, 72.388, 304.898 |
| Y _{xy} | 26.2248, 0.2367, 0.1729 |
| Android (android.graphics.Color) | 4288182005 (0xFF9876F5) |
| YUV | 142.6440, 50.4615, 8.2052 |
| Hunter-Lab | 51.2102, 35.5470, -67.8382 |

Details

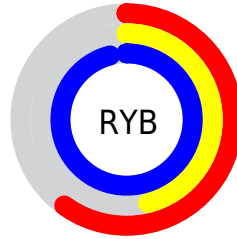
The Hex color **9876F5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D3F576**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D2ABFF**, and **5F44BC** is the 20% darker color. If you saturate the color by 10%, you get **865EF5**, and if you desaturate by 10%, it is **AA8FF5**.

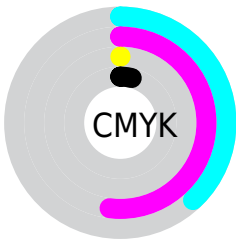
Distribution



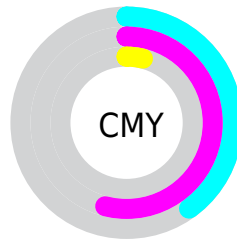
- Red (60%)
- Green (46%)
- Blue (96%)



- Red (60%)
- Yellow (46%)
- Blue (96%)



- Cyan (38%)
- Magenta (52%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (54%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9876F5 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 9876F5 by changing the saturation by 10% instead.

 9876F5

 9876F5

FFFFFF

 7B5DD8

 D2ABFF

 5F44BC

 F0C7FF

 412DA0

 FFE3FF

 201686

 00006B

 000053

 00063A

 000224

 00000B

9876F5

9876F5

865EF5

AA8FF5

7445F5

BCA7F5

622CF5

CEC0F5

5014F5

E0D8F5

4200F5

F2F1F5

FFFFF5

Harmonies

Analogous

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



0091FF



9876F5



DF56C3

Triad

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



9876F5



D27400



00A895

Complementary

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



9876F5



D3F576

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.



00A553



9876F5



9F8D00

Square

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



9876F5



F35647



5C9C07



00A7D3

Rectangle

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



9876F5



F6469A



5C9C07



00A87F

Sweetspot

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



9876F5



E1D6FF



76D3F5



6E6780



000000



808080

Same Dimension

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



9876F5



8B61FF



D776F5



716E7A



3200BA



10003B

Inverse Universe

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



F576D3



FF61D5



94F576



7A6E77



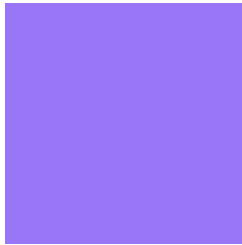
BA0088



3B002B

Previews

White Background



This preview shows how the Hex color 9876F5 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

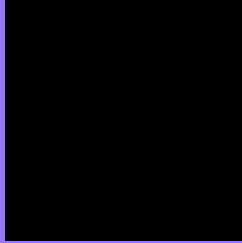
Any Text WCAG AA ✓ Pass

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 9876F5 Background



This preview shows how black text looks on a background with the Hex color 9876F5.



This preview shows how white text looks on a background with the Hex color 9876F5.

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
838D98

Trichromacy



Original Color
9876F5



Protanomaly
6A81FB



Deuteranomaly
6085F2



Tritanomaly
8B85BA

Monochromacy



Original Color
9876F5



Achromatopsia
8F8F8F



Achromatomaly
9286B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9876F5 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 #9876F5 looks like.

```
.text, #text, p{  
    color:#9876F5  
}
```

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 #9876F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9876F5
}
```

Border

The CSS property to change the border of an element to Hex 9876F5 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
#9876F5 }
```

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

```
.border{ border-color:#9876F5 }
```

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

Here you see how a box with a 4 pixel #9876F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9876F5; -webkit-box-shadow:4px 4px  
4px 4px #9876F5; box-shadow:4px 4px 4px  
4px #9876F5 }
```

Background

The CSS property to change the background color of an element to Hex 9876F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9876F5 }
```

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

```
.background{ background-color:#9876F5 }
```

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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