

Converting Colors

Hex(965BFD)

Have a look what the booklet for
Hex(965BFD) contains.

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Color

Hex(965BFD)

Conversions

Conversions Part 1

Format	Color
Hex	965BFD
RGB	150, 91, 253
RGB Percent	59%, 36%, 99%
CMY	0.4118, 0.6431, 0.0078
CMYK	0.41, 0.64, 0.00, 0.01
HSL	262°, 98%, 67%
HSV	262°, 64%, 99%
XYZ	34.0484, 21.0581, 95.1986
YIQ	127.1090, -16.8380, 62.8900

Conversions

Conversions Part 2

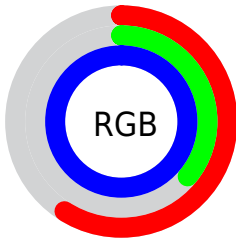
Format	Color
R _Y B	150, 91, 253
Decimal	9853949
CIE Lab	53.01, 57.63, -72.26
CIE LCh	53, 92.426, 308.578
Yxy	21.0581, 0.2265, 0.1401
Android (android.graphics.Color)	4288044029 (0xFF965BFD)
YUV	127.1090, 62.0643, 20.0754
Hunter-Lab	45.8891, 52.1361, -90.8770

Details

The Hex color **965BFD** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **C2FD5B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D290FF**, and **5A27C3** is the 20% darker color. If you saturate the color by 10%, you get **8642FD**, and if you desaturate by 10%, it is **A674FD**.

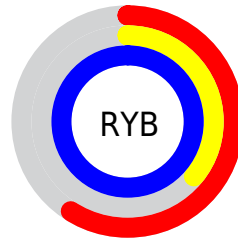
Distribution



Red (59%)

Green (36%)

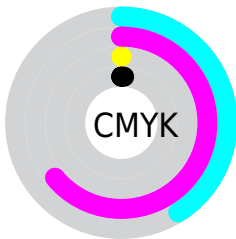
Blue (99%)



Red (59%)

Yellow (36%)

Blue (99%)

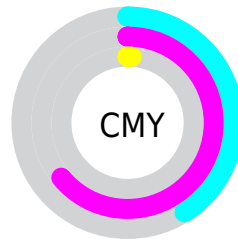


Cyan (41%)

Magenta (64%)

Yellow (0%)

Black (1%)



Cyan (41%)

Magenta (64%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 965BFD 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 965BFD by changing the saturation by 10% instead.

 965BFD

 965BFD

FFFFFF

 7841E0

 D290FF

 5A27C3

 F0ACFF

 3906A7

 FFC8FF

 07008C

 FFE4FF

 000072

 000058

 000740

 000329

 000112

■ 965BFD

■ 965BFD

■ 8642FD

■ A674FD

■ 7628FD

■ B68EFD

■ 660FFD

■ C6A7FD

■ 5C00FD

■ D6C0FD

■ E6DAFD

■ F7F3FD

FFFFFD

Harmonies

Analogous

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



0083FF



965BFD



EA00BA

Triad

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



965BFD



C76400



009E94

Complementary

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



965BFD



C2FD5B

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.



009B3F



965BFD



868300

Square

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



965BFD



F42B1C



189300



009EE1

Rectangle

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



965BFD



FF0086



189300



009E78

Sweetspot

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



965BFD



E0CFFF



5BC4FD



6D6280



000000



808080

Same Dimension

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



965BFD



823BFF



E55BFD



777380



4600BF



170040

Inverse Universe

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



FD5BC2



FF3BB7



73FD5B



80737B



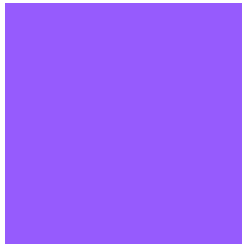
BF007A



400029

Previews

White Background



This preview shows how the Hex color 965BFD looks on a white background.

Color Contrast Check

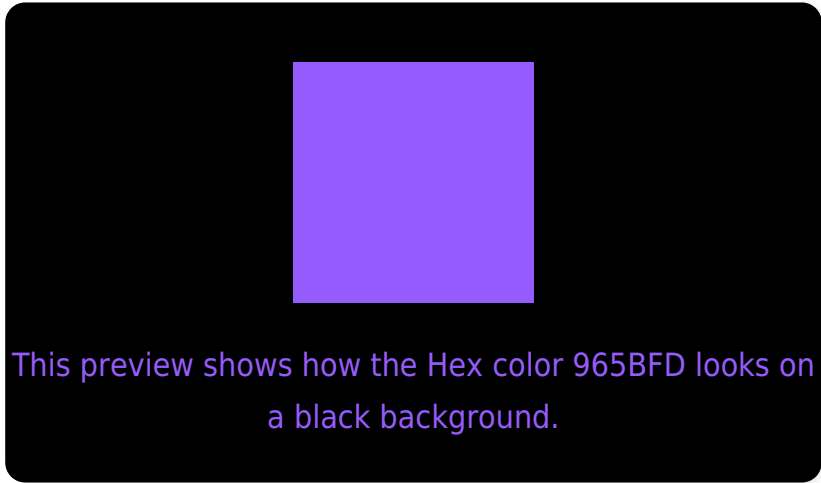
Large Text (above 18pt) WCAG AA ✓ Pass

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

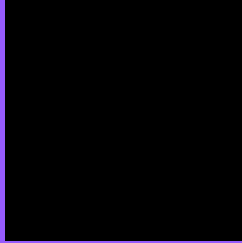
Any Text WCAG AA ✓ Pass

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 965BFD Background



This preview shows how black text looks on a background with the Hex color 965BFD.

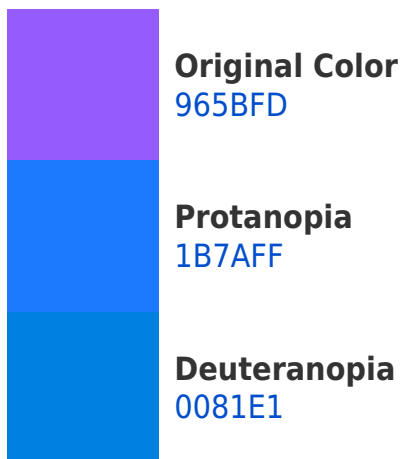


This preview shows how white text looks on a background with the Hex color 965BFD.

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
7B7E88

Trichromacy



Original Color
965BFD



Protanomaly
486FFE



Deuteranomaly
3773EB



Tritanomaly
8571B3

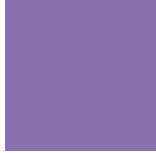
Monochromacy



Original Color
965BFD



Achromatopsia
7F7F7F



Achromatomaly
8772AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 965BFD 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 #965BFD looks like.

```
.text, #text, p{  
    color:#965BFD  
}
```

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 #965BFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965BFD
}
```

Border

The CSS property to change the border of an element to Hex 965BFD 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
#965BFD }
```

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

```
.border{ border-color:#965BFD }
```

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

Here you see how a box with a 4 pixel #965BFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965BFD; -webkit-box-shadow:4px 4px  
4px 4px #965BFD; box-shadow:4px 4px 4px  
4px #965BFD }
```

Background

The CSS property to change the background color of an element to Hex 965BFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965BFD }
```

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

```
.background{ background-color:#965BFD }
```

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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