

Converting Colors

Hex(995BFA)

Have a look what the booklet for
Hex(995BFA) contains.

| | |
|--|----|
| Hex(995BFA) | 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(995BFA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 995BFA |
| RGB | 153, 91, 250 |
| RGB Percent | 60%, 36%, 98% |
| CMY | 0.4000, 0.6431, 0.0196 |
| CMYK | 0.39, 0.64, 0.00, 0.02 |
| HSL | 263°, 94%, 67% |
| HSV | 263°, 64%, 98% |
| XYZ | 34.1333, 21.1566, 92.7271 |
| YIQ | 127.6640, -14.0870, 62.5930 |

Conversions

Conversions Part 2

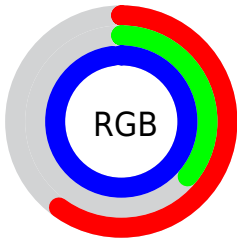
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 153, 91, 250 |
| Decimal | 10050554 |
| CIELab | 53.12, 57.47, -70.40 |
| CIELCh | 53, 90.877, 309.224 |
| Yxy | 21.1566, 0.2306, 0.1429 |
| Android (android.graphics.Color) | 4288240634 (0xFF995BFA) |
| YUV | 127.6640, 60.3116, 22.2197 |
| Hunter-Lab | 45.9963, 51.9690, -87.3293 |

Details

The Hex color **995BFA** 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 **BCFA5B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D490FF**, and **5E26C0** is the 20% darker color. If you saturate the color by 10%, you get **8A42FA**, and if you desaturate by 10%, it is **A874FA**.

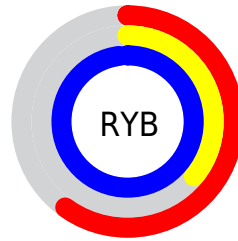
Distribution



Red (60%)

Green (36%)

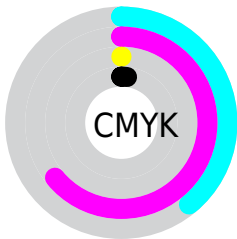
Blue (98%)



Red (60%)

Yellow (36%)

Blue (98%)

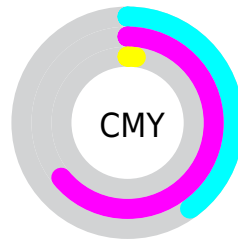


Cyan (39%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (40%)

Magenta (64%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 995BFA 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 995BFA by changing the saturation by 10% instead.

 995BFA

 995BFA

FFFFFF

 7B41DD

 D490FF

 5E26C0

 F3ACFF

 3E05A5

 FFC8FF

 150089

 FFE4FF

 00006F

 000056

 00063D

 000326

 000110

 995BFA

 995BFA

 8A42FA

 A874FA

 7A29FA

 B88DFA

 6B10FA

 C7A6FA

 6100FA

 D6BFFA

 E5D8FA

 F5F1FA

 FFFFFA

Harmonies

Analogous

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



0082FF



995BFA



EA09B8

Triad

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



995BFA



C56600



009E96

Complementary

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



995BFA



BCFA5B

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.



009B43



995BFA



858400

Square

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



995BFA



F2301C



199400



009EE1

Rectangle

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



995BFA



FF0085



199400



009E7B

Sweetspot

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



995BFA



E1CFFF



5BBDF4



6E6280



000000



808080

Same Dimension

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



995BFA



893DFF



E75BFA



75707D



4A00BD



18003D

Inverse Universe

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



FA5BBC



FF3DB3



6EFA5B



7D7078



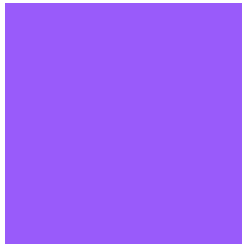
BD0073



3D0025

Previews

White Background



This preview shows how the Hex color 995BFA 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

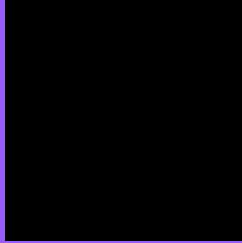
Any Text WCAG AA ✓ Pass

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 995BFA Background



This preview shows how black text looks on a background with the Hex color 995BFA.

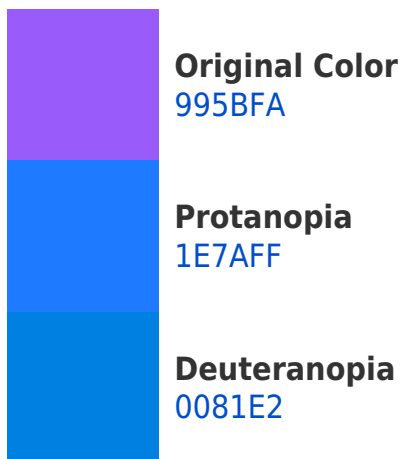


This preview shows how white text looks on a background with the Hex color 995BFA.

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
807D87

Trichromacy



Original Color
995BFA



Protanomaly
4B6FFD



Deuteranomaly
3873EB



Tritanomaly
8971B1

Monochromacy



Original Color
995BFA



Achromatopsia
808080



Achromatomaly
8973AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 995BFA 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 #995BFA looks like.

```
.text, #text, p{  
    color:#995BFA  
}
```

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 #995BFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #995BFA
}
```

Border

The CSS property to change the border of an element to Hex 995BFA 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
#995BFA }
```

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

```
.border{ border-color:#995BFA }
```

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

Here you see how a box with a 4 pixel #995BFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #995BFA; -webkit-box-shadow:4px 4px  
4px 4px #995BFA; box-shadow:4px 4px 4px  
4px #995BFA }
```

Background

The CSS property to change the background color of an element to Hex 995BFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#995BFA }
```

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

```
.background{ background-color:#995BFA }
```

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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