

Converting Colors

Hex(991BCF)

Have a look what the booklet for
Hex(991BCF) contains.

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Color

Hex(991BCF)

Conversions

Conversions Part 1

Format	Color
Hex	991BCF
RGB	153, 27, 207
RGB Percent	60%, 11%, 81%
CMY	0.4000, 0.8941, 0.1882
CMYK	0.26, 0.87, 0.00, 0.19
HSL	282°, 77%, 46%
HSV	282°, 87%, 81%
XYZ	24.7913, 12.0612, 60.0529
YIQ	85.1940, 17.3160, 82.6920

Conversions

Conversions Part 2

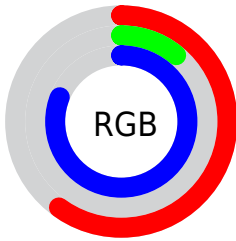
Format	Color
R_{YB}	153, 27, 207
Decimal	10034127
CIE _{Lab}	41.31, 72.43, -65.20
CIE _{LCh}	41, 97.451, 318.005
Yxy	12.0612, 0.2558, 0.1245
Android (android.graphics.Color)	4288224207 (0xFF991BCF)
YUV	85.1940, 60.0504, 59.4659
Hunter-Lab	34.7292, 66.6454, -78.2124

Details

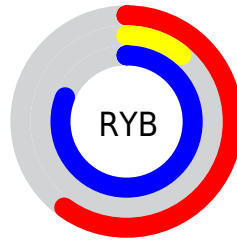
The Hex color **991BCF** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **51CF1B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D45CFF**, and **5F0097** is the 20% darker color. If you saturate the color by 10%, you get **9306CF**, and if you desaturate by 10%, it is **9F30CF**.

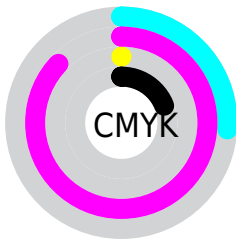
Distribution



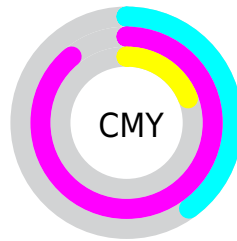
- Red (60%)
- Green (11%)
- Blue (81%)



- Red (60%)
- Yellow (11%)
- Blue (81%)



- Cyan (26%)
- Magenta (87%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (89%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 991BCF 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 991BCF by changing the saturation by 10% instead.

 991BCF

 991BCF

FFFFFF

 7C00B3

 D45CFF

 5F0097

 F279FF

 41007D


 FF95FF

 240063

 FFB2FF


 00004A

 FFCFFF

 000432

 FFEDFF

 00021C

 000000

 991BCF

 991BCF

■ 9306CF

■ 9F30CF

■ 9100CF

■ A544CF

■ AC59CF

■ B26ECF

■ B883CF

■ BE97CF

■ C4ACCF

■ CBC1CF

■ D1D5CF

Harmonies

Analogous

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



005DFE



991BCF



D80085

Triad

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



991BCF



915300



007F92

Complementary

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



991BCF



51CF1B

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.



007C3D



991BCF



496C00

Square

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



991BCF



C60600



007800



007EDA

Rectangle

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



991BCF



E30051



007800



007E76

Sweetspot

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



991BCF



EBBDFE



1B51CF



745880



000000



808080

Same Dimension

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



991BCF



B300FF



CF1BAB



655E69



7600A8



1D0029

Inverse Universe

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



CF1B51



FF004C



1BCF3F



695E61



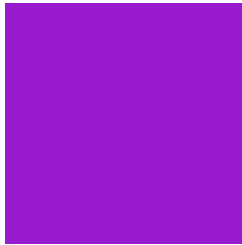
A80032



29000C

Previews

White Background



This preview shows how the Hex color 991BCF looks on a white background.

Color Contrast Check

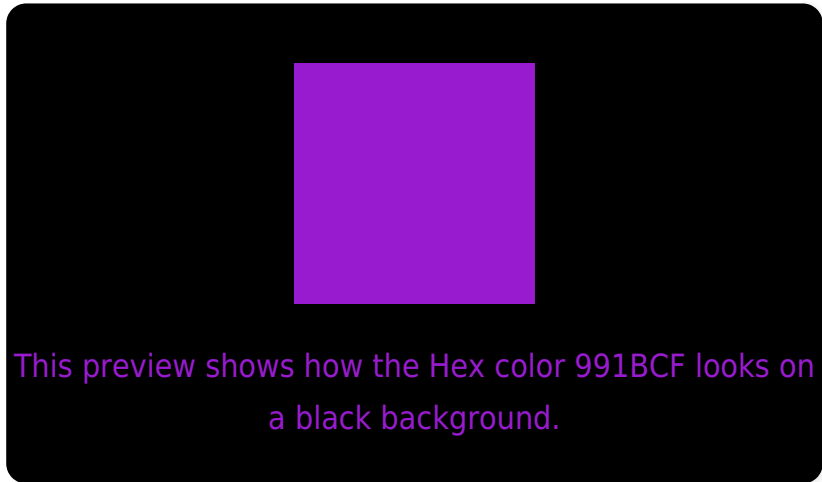
Large Text (above 18pt) WCAG AA ✓ Pass

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

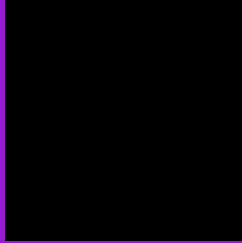
Any Text WCAG AA × Fail

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 991BCF Background



This preview shows how black text looks on a background with the Hex color 991BCF.

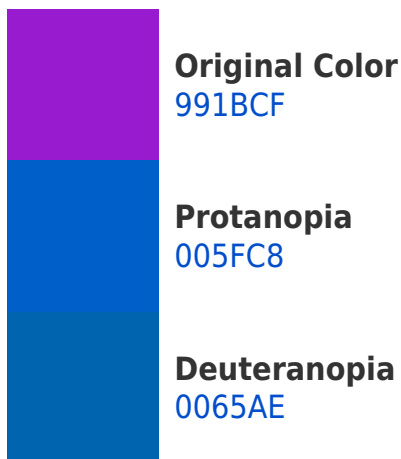


This preview shows how white text looks on a background with the Hex color 991BCF.

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](#).

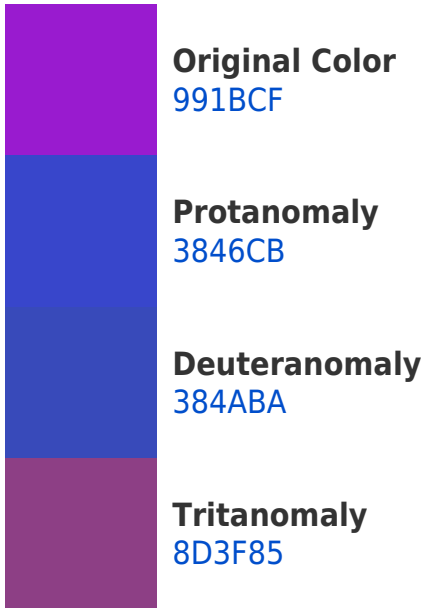
Dichromacy



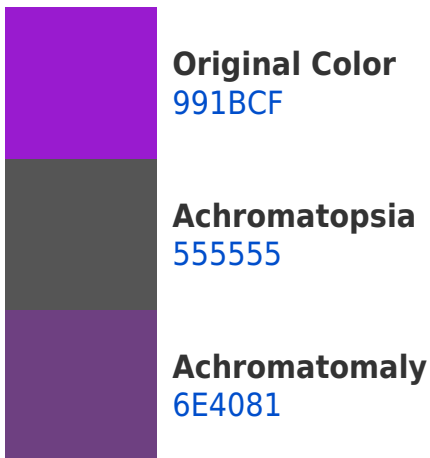


Tritanopia
86545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 991BCF 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 #991BCF looks like.

```
.text, #text, p{  
    color:#991BCF  
}
```

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 #991BCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991BCF
}
```

Border

The CSS property to change the border of an element to Hex 991BCF is called "border". The border property can be set on classes, ids or directly on the HTML element.

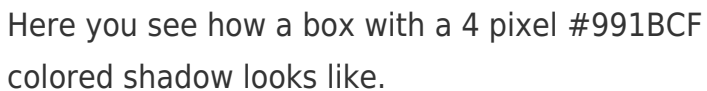
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#991BCF }
```

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

```
.border{ border-color:#991BCF }
```

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



Here you see how a box with a 4 pixel #991BCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991BCF; -webkit-box-shadow:4px 4px  
4px 4px #991BCF; box-shadow:4px 4px 4px  
4px #991BCF }
```

Background

The CSS property to change the background color of an element to Hex 991BCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991BCF }
```

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

```
.background{ background-color:#991BCF }
```

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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