

Converting Colors

Hex(945BE3)

Have a look what the booklet for
Hex(945BE3) contains.

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Color

Hex(945BE3)

Conversions

Conversions Part 1

Format	Color
Hex	945BE3
RGB	148, 91, 227
RGB Percent	58%, 36%, 89%
CMY	0.4196, 0.6431, 0.1098
CMYK	0.35, 0.60, 0.00, 0.11
HSL	265°, 71%, 62%
HSV	265°, 60%, 89%
XYZ	29.8190, 19.3241, 74.8313
YIQ	123.5470, -9.6840, 54.3800

Conversions

Conversions Part 2

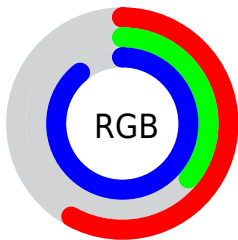
Format	Color
R _Y B	148, 91, 227
Decimal	9722851
CIE Lab	51.06, 50.68, -60.87
CIE LCh	51, 79.203, 309.779
Yxy	19.3241, 0.2405, 0.1559
Android (android.graphics.Color)	4287912931 (0xFF945BE3)
YUV	123.5470, 51.0023, 21.4453
Hunter-Lab	43.9592, 44.1537, -70.1574

Details

The Hex color **945BE3** 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 **AAE35B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CE90FF**, and **5B28AB** is the 20% darker color. If you saturate the color by 10%, you get **8744E3**, and if you desaturate by 10%, it is **A172E3**.

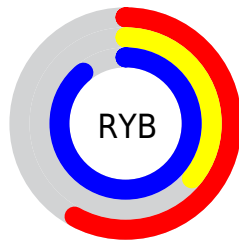
Distribution



Red (58%)

Green (36%)

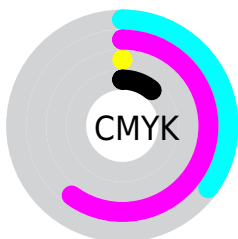
Blue (89%)



Red (58%)

Yellow (36%)

Blue (89%)

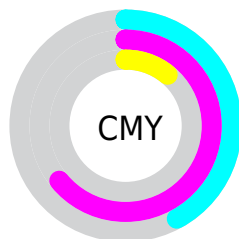


Cyan (35%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (64%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 945BE3 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 945BE3 by changing the saturation by 10% instead.

 945BE3

 945BE3

FFFFFF

 7742C6

 CE90FF

 5B28AB

 ECABFF

 3E0B8F

 FFC7FF

 1C0075

 FFE3FF

 00005C

 000043

 00032C

 000116

 000000

■ 945BE3

■ 945BE3

■ 8744E3

■ A172E3

■ 7A2EE3

■ AE88E3

■ 6C17E3

■ BC9FE3

■ 5F00E3

■ C9B6E3

■ D6CDE3

■ E3E3E3

■ F0FAE3

■ FDFFE3

■ FFFFE3

Harmonies

Analogous

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



007BFF



945BE3



D82CAA

Triad

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



945BE3



B86500



00968F

Complementary

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



945BE3



AAE35B

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.



009347



945BE3



807E00

Square

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



945BE3



DF3E25



2C8C00



0095CF

Rectangle

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



945BE3



EB0B7D



2C8C00



009677

Sweetspot

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



945BE3



E4D1FF



5BAAE3



6F6380



000000



808080

Same Dimension

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



945BE3



9447FF



D85BE3



6C6773



4B00B3



150033

Inverse Universe

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



E35BAA



FF47B2



66E35B



73676E



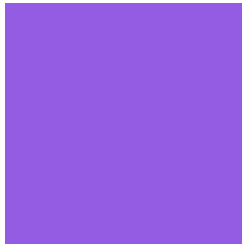
B30068



33001E

Previews

White Background



This preview shows how the Hex color 945BE3 looks on a white background.

Color Contrast Check

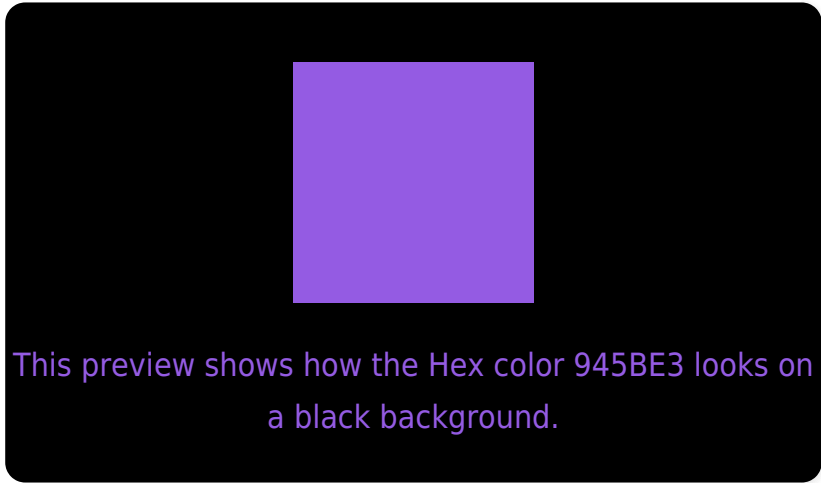
Large Text (above 18pt) WCAG AA ✓ Pass

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

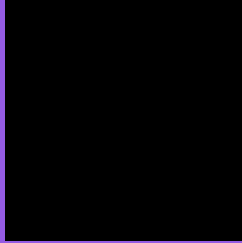
Any Text WCAG AA ✓ Pass

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 945BE3 Background



This preview shows how black text looks on a background with the Hex color 945BE3.

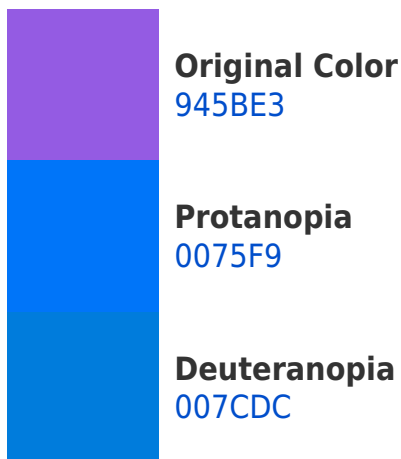


This preview shows how white text looks on a background with the Hex color 945BE3.

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](#).

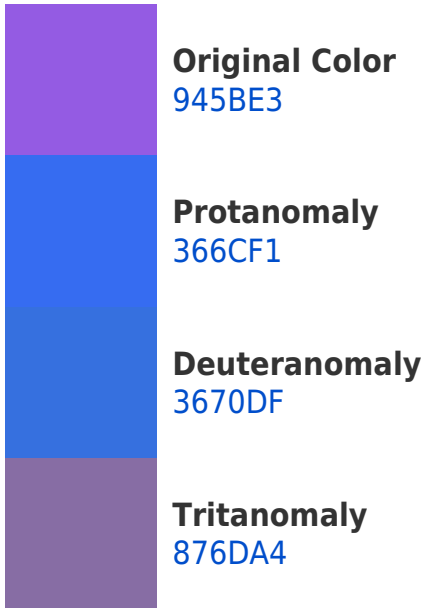
Dichromacy



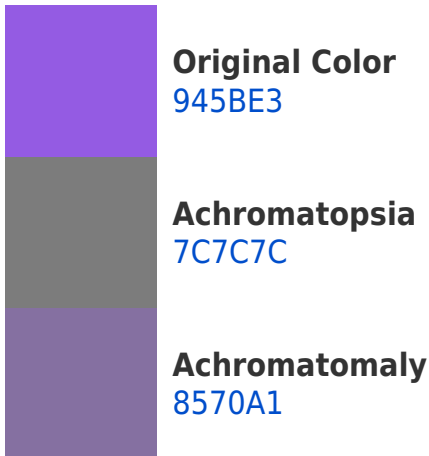


Tritanopia
807780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 945BE3 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 #945BE3 looks like.

```
.text, #text, p{  
    color:#945BE3  
}
```

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 #945BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945BE3
}
```

Border

The CSS property to change the border of an element to Hex 945BE3 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
#945BE3 }
```

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

```
.border{ border-color:#945BE3 }
```

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

Here you see how a box with a 4 pixel #945BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945BE3; -webkit-box-shadow:4px 4px  
4px 4px #945BE3; box-shadow:4px 4px 4px  
4px #945BE3 }
```

Background

The CSS property to change the background color of an element to Hex 945BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945BE3 }
```

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

```
.background{ background-color:#945BE3 }
```

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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