

Converting Colors

Hex(9447E3)

Have a look what the booklet for
Hex(9447E3) contains.

Hex(9447E3)	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(9447E3)

Conversions

Conversions Part 1

Format	Color
Hex	9447E3
RGB	148, 71, 227
RGB Percent	58%, 28%, 89%
CMY	0.4196, 0.7216, 0.1098
CMYK	0.35, 0.69, 0.00, 0.11
HSL	270°, 74%, 58%
HSV	270°, 69%, 89%
XYZ	28.3311, 16.3484, 74.3354
YIQ	111.8070, -4.1840, 64.8400

Conversions

Conversions Part 2

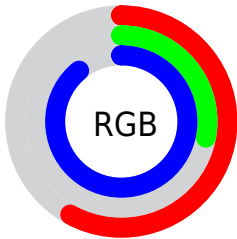
Format	Color
R _{YB}	148, 71, 227
Decimal	9717731
CIE Lab	47.43, 60.60, -66.75
CIE LCh	47, 90.154, 312.237
Yxy	16.3484, 0.2380, 0.1374
Android (android.graphics.Color)	4287907811 (0xFF9447E3)
YUV	111.8070, 56.7901, 31.7413
Hunter-Lab	40.4332, 54.3150, -80.6999

Details

The Hex color **9447E3** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **96E347**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CF7DFF**, and **5A08AA** is the 20% darker color. If you saturate the color by 10%, you get **8930E3**, and if you desaturate by 10%, it is **9F5EE3**.

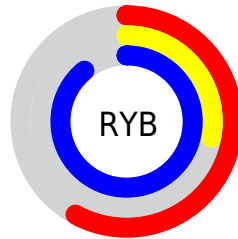
Distribution



Red (58%)

Green (28%)

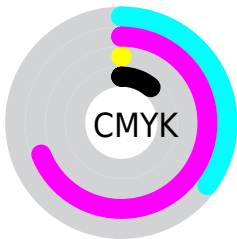
Blue (89%)



Red (58%)

Yellow (28%)

Blue (89%)

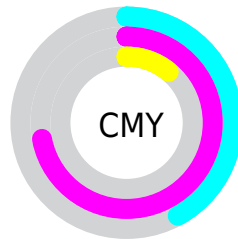


Cyan (35%)

Magenta (69%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (72%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9447E3 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 9447E3 by changing the saturation by 10% instead.

9447E3

9447E3

FFFFFF

772BC6

CF7DFF

5A08AA

ED98FF

3B008F

FFB4FF

160075

FFD0FF

00005B

FFEDFF

000242

00032B

000116

000000

9447E3

9447E3

8930E3

9F5EE3

7D1AE3

AB74E3

7203E3

B68BE3

7000E3

C2A2E3

CDB9E3

D9CFE3

E4E6E3

F0FDE3

FBFFE3

Harmonies

Analogous

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



0071FF



9447E3



DC00A1

Triad

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



9447E3



AD5C00



008E8F

Complementary

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



9447E3



96E347

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.



008C3E



9447E3



6D7700

Square

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



9447E3



DB2400



008500



008ED7

Rectangle

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



9447E3



EE006F



008500



008E74

Sweetspot

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



9447E3



E4C9FF



4798E3



6F6080



000000



808080

Same Dimension

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



9447E3



952EFF



E047E3



6D6773



5800B3



190033

Inverse Universe

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



E34796



FF2E98



4AE347



73676D



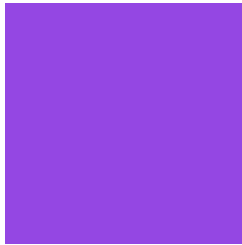
B3005A



33001A

Previews

White Background



This preview shows how the Hex color 9447E3 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 9447E3 Background



This preview shows how black text looks on a background with the Hex color 9447E3.

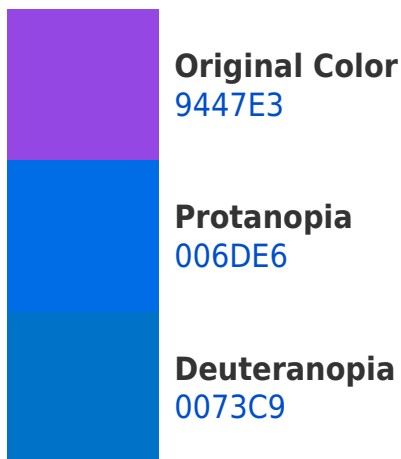


This preview shows how white text looks on a background with the Hex color 9447E3.

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](#).

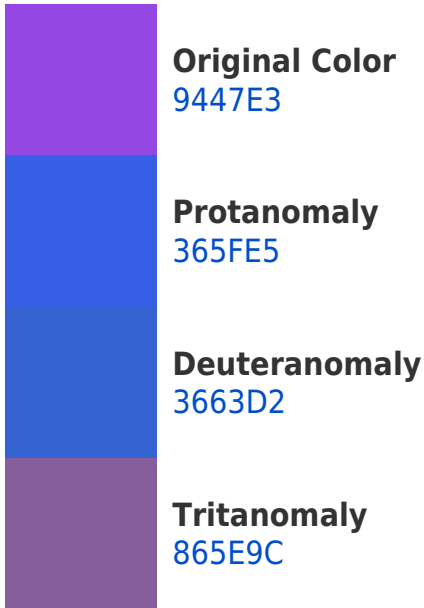
Dichromacy



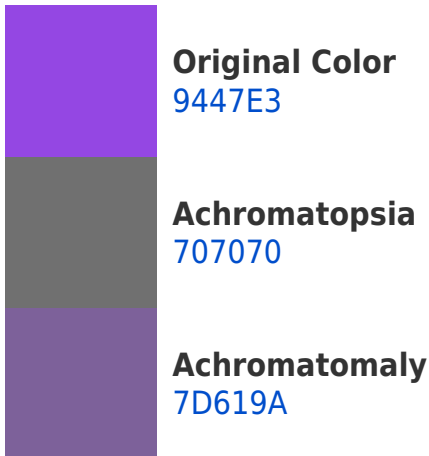


Tritanopia
7E6B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9447E3 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 #9447E3 looks like.

```
.text, #text, p{  
    color:#9447E3  
}
```

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 #9447E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9447E3
}
```

Border

The CSS property to change the border of an element to Hex 9447E3 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
#9447E3 }
```

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

```
.border{ border-color:#9447E3 }
```

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

Here you see how a box with a 4 pixel #9447E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9447E3; -webkit-box-shadow:4px 4px  
4px 4px #9447E3; box-shadow:4px 4px 4px  
4px #9447E3 }
```

Background

The CSS property to change the background color of an element to Hex 9447E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9447E3 }
```

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

```
.background{ background-color:#9447E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor