

Converting Colors

Hex(9453E7)

Have a look what the booklet for
Hex(9453E7) contains.

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Color

Hex(9453E7)

Conversions

Conversions Part 1

Format	Color
Hex	9453E7
RGB	148, 83, 231
RGB Percent	58%, 33%, 91%
CMY	0.4196, 0.6745, 0.0941
CMYK	0.36, 0.64, 0.00, 0.09
HSL	266°, 76%, 62%
HSV	266°, 64%, 91%
XYZ	29.7298, 18.2519, 77.5573
YIQ	119.3070, -8.7680, 59.8080

Conversions

Conversions Part 2

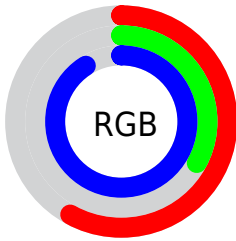
Format	Color
R_{YB}	148, 83, 231
Decimal	9720807
CIE _{Lab}	49.80, 55.79, -65.17
CIE _{LCh}	50, 85.783, 310.565
Yxy	18.2519, 0.2368, 0.1454
Android (android.graphics.Color)	4287910887 (0xFF9453E7)
YUV	119.3070, 55.0646, 25.1638
Hunter-Lab	42.7223, 49.4515, -77.7285

Details

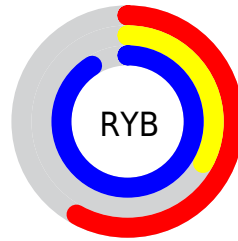
The Hex color **9453E7** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A6E753**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **CF88FF**, and **5A1EAE** is the 20% darker color. If you saturate the color by 10%, you get **873CE7**, and if you desaturate by 10%, it is **A16AE7**.

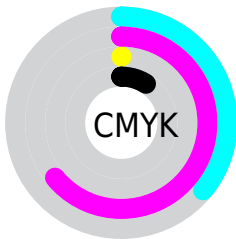
Distribution



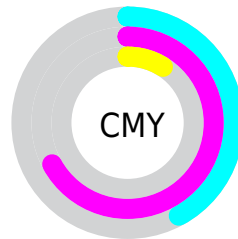
- Red (58%)
- Green (33%)
- Blue (91%)



- Red (58%)
- Yellow (33%)
- Blue (91%)



- Cyan (36%)
- Magenta (64%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (67%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9453E7 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 9453E7 by changing the saturation by 10% instead.

9453E7

9453E7

FFFFFF

7739CA

CF88FF

5A1EAE

ECA3FF

3C0093

FFBFFF

170078

FFDCFF

00005F

FFF9FF

000046

00042F

000119

000000

9453E7

9453E7

873CE7

A16AE7

7A25E7

AE81E7

6D0EE7

BB98E7

6500E7

C8AFE7

D5C7E7

E2DEE7

EFF5E7

FCFFE7

FFFFE7

Harmonies

Analogous

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



0078FF



9453E7



DC06A9

Triad

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



9453E7



B66100



00948F

Complementary

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



9453E7



A6E753

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.



009142



9453E7



797C00

Square

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



9453E7



E13117



0B8A00



0093D5

Rectangle

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



9453E7



EF0079



0B8A00



009376

Sweetspot

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



9453E7



E4CFFF



53A7E7



6F6280



000000



808080

Same Dimension

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



9453E7



913BFF



DD53E7



6C6773



4E00B3



160033

Inverse Universe

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



E753A6



FF3BA9



5DE753



73676E



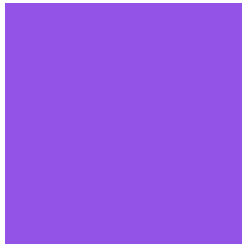
B30064



33001D

Previews

White Background



This preview shows how the Hex color 9453E7 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 ✓ 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 9453E7 Background



This preview shows how black text looks on a background with the Hex color 9453E7.

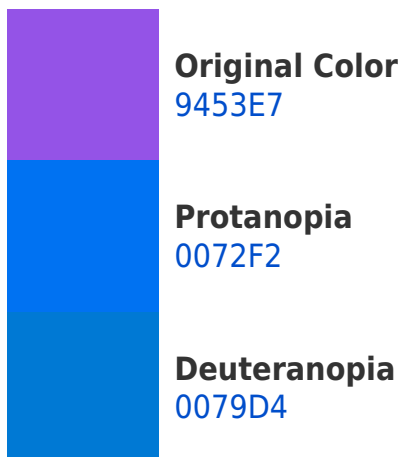


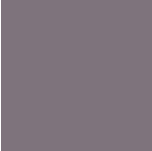
This preview shows how white text looks on a background with the Hex color 9453E7.

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](#).

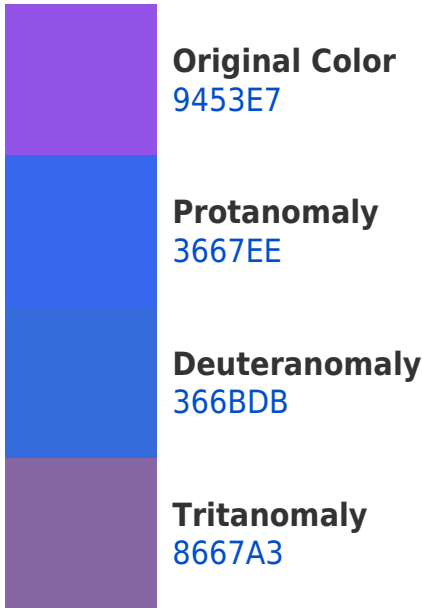
Dichromacy



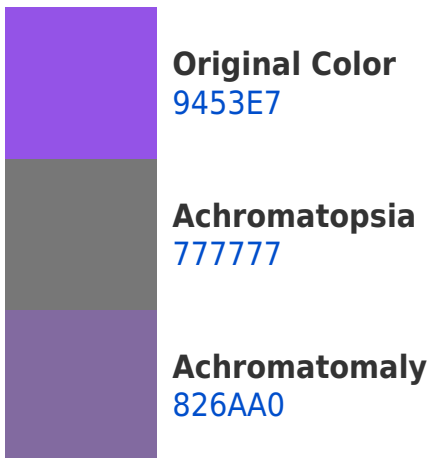


Tritanopia
7E737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9453E7 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 #9453E7 looks like.

```
.text, #text, p{  
    color:#9453E7  
}
```

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 #9453E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9453E7
}
```

Border

The CSS property to change the border of an element to Hex 9453E7 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".

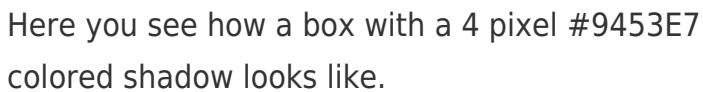
```
.border, #border, table{ border:4px solid
#9453E7 }
```

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

```
.border{ border-color:#9453E7 }
```

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

Here you see how a box with a 4 pixel #9453E7 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides, and a thicker purple shadow on the right side. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9453E7; -webkit-box-shadow:4px 4px  
4px 4px #9453E7; box-shadow:4px 4px 4px  
4px #9453E7 }
```

Background

The CSS property to change the background color of an element to Hex 9453E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9453E7 }
```

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

```
.background{ background-color:#9453E7 }
```

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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