

Converting Colors

Hex(9555E1)

Have a look what the booklet for
Hex(9555E1) contains.

Hex(9555E1)	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(9555E1)

Conversions

Conversions Part 1

Format	Color
Hex	9555E1
RGB	149, 85, 225
RGB Percent	58%, 33%, 88%
CMY	0.4157, 0.6667, 0.1176
CMYK	0.34, 0.62, 0.00, 0.12
HSL	267°, 70%, 61%
HSV	267°, 62%, 88%
XYZ	29.2335, 18.3228, 73.2300
YIQ	120.0960, -6.7960, 57.1080

Conversions

Conversions Part 2

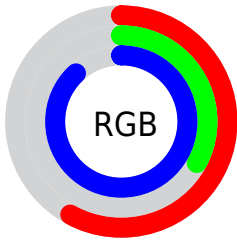
Format	Color
R_{YB}	149, 85, 225
Decimal	9786849
CIE _{Lab}	49.89, 53.52, -61.63
CIE _{LCh}	50, 81.628, 310.969
Yxy	18.3228, 0.2420, 0.1517
Android (android.graphics.Color)	4287976929 (0xFF9555E1)
YUV	120.0960, 51.7177, 25.3488
Hunter-Lab	42.8051, 46.9966, -71.4683

Details

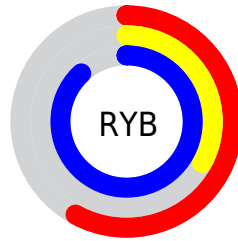
The Hex color **9555E1** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A1E155**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CF8AFF**, and **5C21A9** is the 20% darker color. If you saturate the color by 10%, you get **893EE1**, and if you desaturate by 10%, it is **A16BE1**.

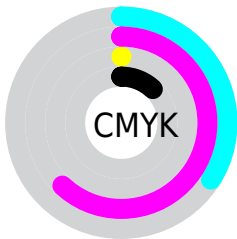
Distribution



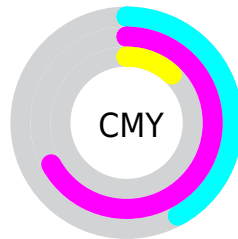
- Red (58%)
- Green (33%)
- Blue (88%)



- Red (58%)
- Yellow (33%)
- Blue (88%)



- Cyan (34%)
- Magenta (62%)
- Yellow (0%)
- Black (12%)



- Cyan (42%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9555E1 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 9555E1 by changing the saturation by 10% instead.

 9555E1

 9555E1

FFFFFF

 783BC5

 CF8AFF

 5C21A9

 EDA5FF

 3F008E

 FFC1FF

 1D0073

 FFDDFF

 00005A

 FFFAFF

 000041

 00032A

 000114

 000000

9555E1

9555E1

893EE1

A16BE1

7D28E1

AD82E1

7011E1

BA98E1

6700E1

C6AFE1

D2C5E1

DEDCE1

EBF3E1

F7FFE1

FFFFE1

Harmonies

Analogous

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



0078FF



9555E1



D91DA6

Triad

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



9555E1



B46200



00938F

Complementary

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



9555E1



A1E155

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.



009146



9555E1



7A7C00

Square

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



9555E1



DD391C



1A8A00



0092D1

Rectangle

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



9555E1



EA0078



1A8A00



009377

Sweetspot

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



9555E1



E5CFFF



55A2E1



706280



000000



808080

Same Dimension

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



9555E1



9740FF



DA55E1



6A6570



5000B0



160030

Inverse Universe

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



E155A1



FF40A8



5CE155



70656B



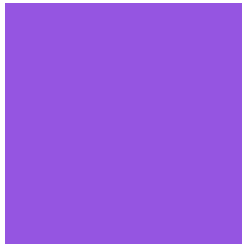
B00060



30001A

Previews

White Background



This preview shows how the Hex color 9555E1 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 9555E1 Background



This preview shows how black text looks on a background with the Hex color 9555E1.

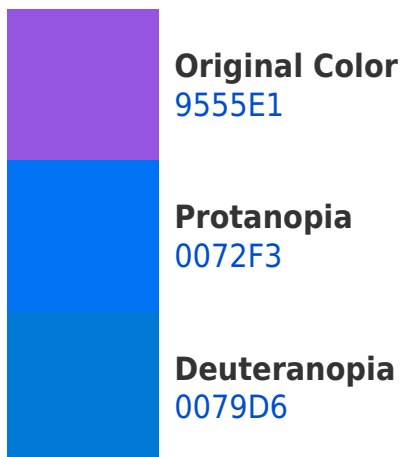


This preview shows how white text looks on a background with the Hex color 9555E1.

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](#).

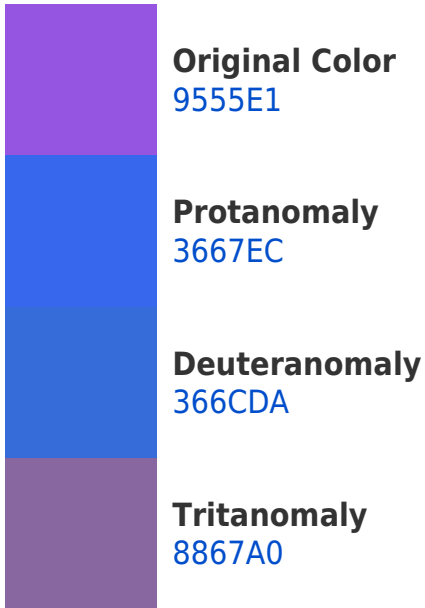
Dichromacy



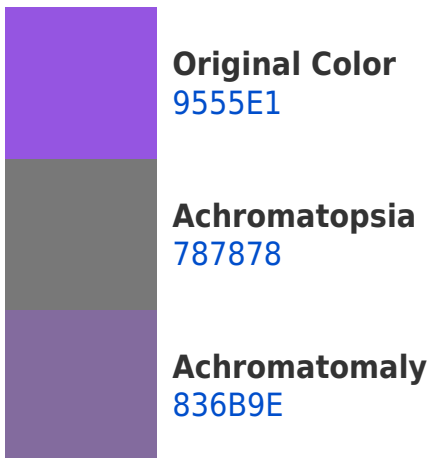


Tritanopia
81727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9555E1 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 #9555E1 looks like.

```
.text, #text, p{  
    color:#9555E1  
}
```

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 #9555E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9555E1
}
```

Border

The CSS property to change the border of an element to Hex 9555E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

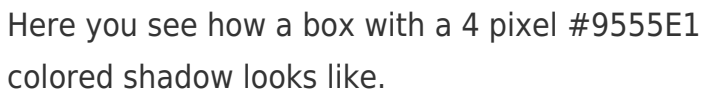
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9555E1 }
```

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

```
.border{ border-color:#9555E1 }
```

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



Here you see how a box with a 4 pixel #9555E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9555E1; -webkit-box-shadow:4px 4px  
4px 4px #9555E1; box-shadow:4px 4px 4px  
4px #9555E1 }
```

Background

The CSS property to change the background color of an element to Hex 9555E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9555E1 }
```

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

```
.background{ background-color:#9555E1 }
```

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