

# Converting Colors

Hex(9559E5)

Have a look what the booklet for  
Hex(9559E5) contains.

<b>Hex(9559E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(9559E5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9559E5
RGB	149, 89, 229
RGB Percent	58%, 35%, 90%
CMY	0.4157, 0.6510, 0.1020
CMYK	0.35, 0.61, 0.00, 0.10
HSL	266°, 73%, 62%
HSV	266°, 61%, 90%
XYZ	30.1097, 19.1915, 76.2461
YIQ	122.9000, -9.1800, 56.2600

# Conversions

## Conversions Part 2

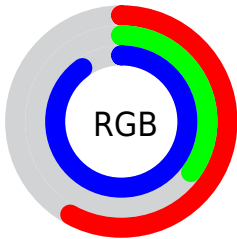
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 89, 229
Decimal	9787877
CIE Lab	50.91, 52.44, -62.24
CIE LCh	51, 81.386, 310.116
Yxy	19.1915, 0.2398, 0.1529
Android (android.graphics.Color)	4287977957 (0xFF9559E5)
YUV	122.9000, 52.3073, 22.8897
Hunter-Lab	43.8081, 46.0205, -72.5261

# Details

The Hex color **9559E5** 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 **A9E559**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CF8EFF**, and **5C26AD** is the 20% darker color. If you saturate the color by 10%, you get **8842E5**, and if you desaturate by 10%, it is **A270E5**.

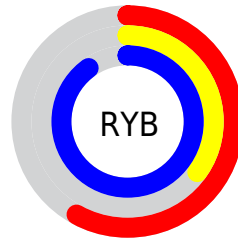
# Distribution



Red (58%)

Green (35%)

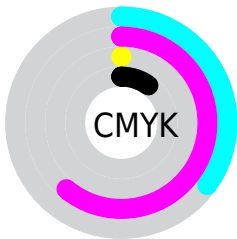
Blue (90%)



Red (58%)

Yellow (35%)

Blue (90%)

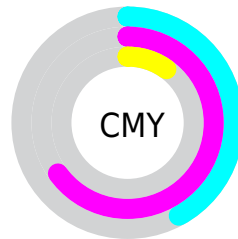


Cyan (35%)

Magenta (61%)

Yellow (0%)

Black (10%)



Cyan (42%)

Magenta (65%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9559E5 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 9559E5 by changing the saturation by 10% instead.



 9559E5

 9559E5

FFFFFF

 783FC8

 CF8EFF

 5C26AD

 EDA9FF

 3E0691

 FFC5FF

 1C0077

 FFE1FF

 00005D

FFFEFF

 000045

 00032D

 000118

 000000

 9559E5

 9559E5

 8842E5

 A270E5

 7B2BE5

 AF87E5

 6E14E5

 BC9EE5

 6200E5

 C9B5E5

 D6CCE5

 E4E2E5

 F1F9E5

 FEFFE5

 FFFFE5

# Harmonies

## Analogous

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



007BFF



9559E5



DA25AA

# Triad

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



9559E5



B86400



009690

# Complementary

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



9559E5



A9E559

# 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.



009346



9559E5



7E7E00

# Square

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



9559E5



E13B21



258C00



0095D2

# Rectangle

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



9559E5



ED007C



258C00



009678



# Sweetspot

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



9559E5



E5D1FF



59ABE5



6F6380



000000



808080



# Same Dimension

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



9559E5



9545FF



D959E5



6C6773



4D00B3



160033



# Inverse Universe

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



E559A9



FF45AF



65E559



73676E



B30066

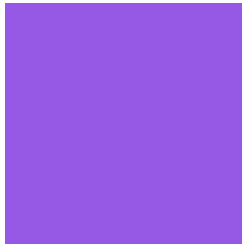


33001D



# Previews

## White Background



This preview shows how the Hex color 9559E5 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

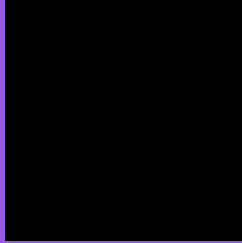
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9559E5 Background



This preview shows how black text looks on a background with the Hex color 9559E5.

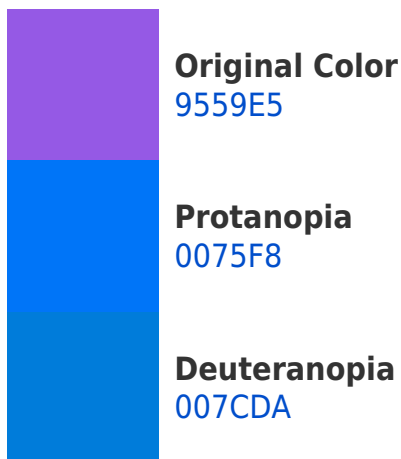


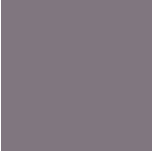
This preview shows how white text looks on a background with the Hex color 9559E5.

# 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](#).

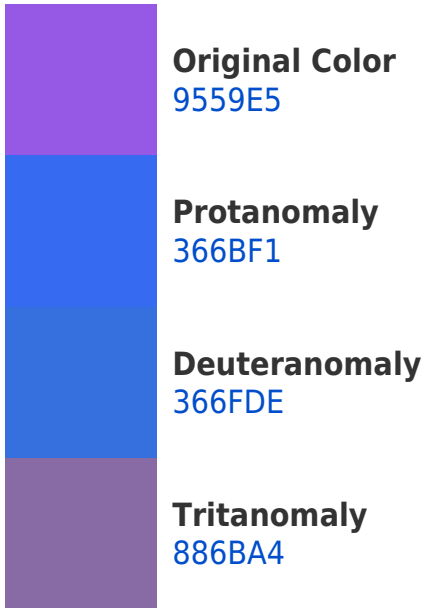
## Dichromacy



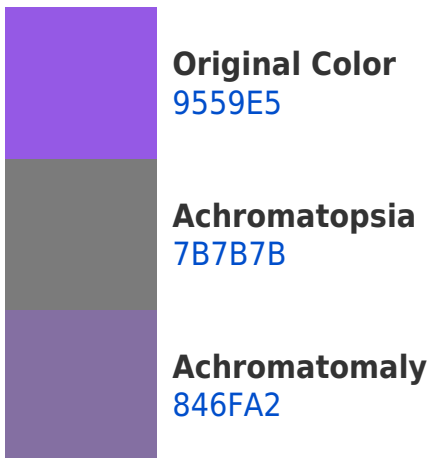


**Tritanopia**  
80767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9559E5 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 #9559E5 looks like.

```
.text, #text, p{  
    color:#9559E5  
}
```

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 #9559E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9559E5
}
```

## Border

The CSS property to change the border of an element to Hex 9559E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

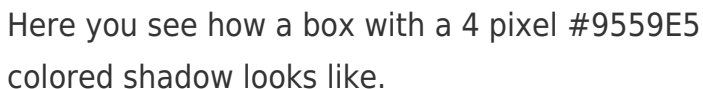
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9559E5 }
```

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

```
.border{ border-color:#9559E5 }
```

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



Here you see how a box with a 4 pixel #9559E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9559E5; -webkit-box-shadow:4px 4px  
4px 4px #9559E5; box-shadow:4px 4px 4px  
4px #9559E5 }
```

# Background

The CSS property to change the background color of an element to Hex 9559E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9559E5 }
```

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

```
.background{ background-color:#9559E5 }
```

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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