

Converting Colors

Hex(9580DE)

Have a look what the booklet for
Hex(9580DE) contains.

Hex(9580DE)	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(9580DE)

Conversions

Conversions Part 1

Format	Color
Hex	9580DE
RGB	149, 128, 222
RGB Percent	58%, 50%, 87%
CMY	0.4157, 0.4980, 0.1294
CMYK	0.33, 0.42, 0.00, 0.13
HSL	253°, 59%, 69%
HSV	253°, 42%, 87%
XYZ	33.2984, 27.1018, 72.5834
YIQ	144.9950, -17.6580, 33.6860

Conversions

Conversions Part 2

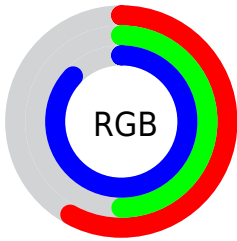
Format	Color
R_{YB}	149, 128, 222
Decimal	9797854
CIE _{Lab}	59.07, 28.91, -45.28
CIE _{LCh}	59, 53.723, 302.552
Yxy	27.1018, 0.2504, 0.2038
Android (android.graphics.Color)	4287987934 (0xFF9580DE)
YUV	144.9950, 37.9635, 3.5124
Hunter-Lab	52.0594, 23.0688, -46.2230

Details

The Hex color **9580DE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C9DE80**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CDB5FF**, and **5F4EA6** is the 20% darker color. If you saturate the color by 10%, you get **846ADE**, and if you desaturate by 10%, it is **A696DE**.

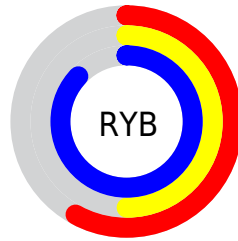
Distribution



Red (58%)

Green (50%)

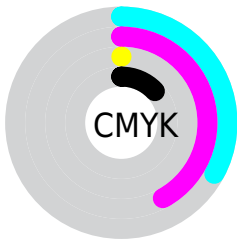
Blue (87%)



Red (58%)

Yellow (50%)

Blue (87%)

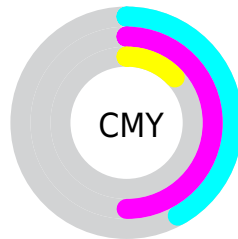


Cyan (33%)

Magenta (42%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (50%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9580DE 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 9580DE by changing the saturation by 10% instead.

9580DE

9580DE

FFFFFF

7A67C2

CDB5FF

5F4EA6

EAD1FF

44378C

FFEDFF

282172

020D59

000041

00032A

000114

000000

 9580DE

 9580DE

 846ADE

 A696DE

 7354DE

 B7ACDE

 613DDE

 C9C3DE

 5027DE

 DAD9DE

 3F11DE

 EBEFDE

 3200DE

 FCFFDE

 FFFFDE

Harmonies

Analogous

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



2792EC



9580DE



CB6DBA

Triad

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



9580DE



CA7C39



00A591

Complementary

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



9580DE



C9DE80

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.



2AA261



9580DE



A48D28

Square

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



9580DE



E16A5E



749A39



00A4C0

Rectangle

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



9580DE



DE649C



749A39



00A480

Sweetspot

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



9580DE



E5DEFF



80CADE



706B80



000000



808080

Same Dimension

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



9580DE



9A7DFF



C380DE



676570



2700B0



0B0030

Inverse Universe

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



DE80C9



FF7DE2



9BDE80



70656E



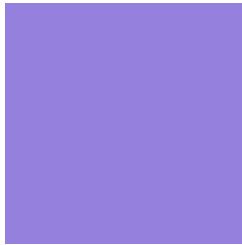
B00089



300026

Previews

White Background



This preview shows how the Hex color 9580DE looks on a white background.

Color Contrast Check

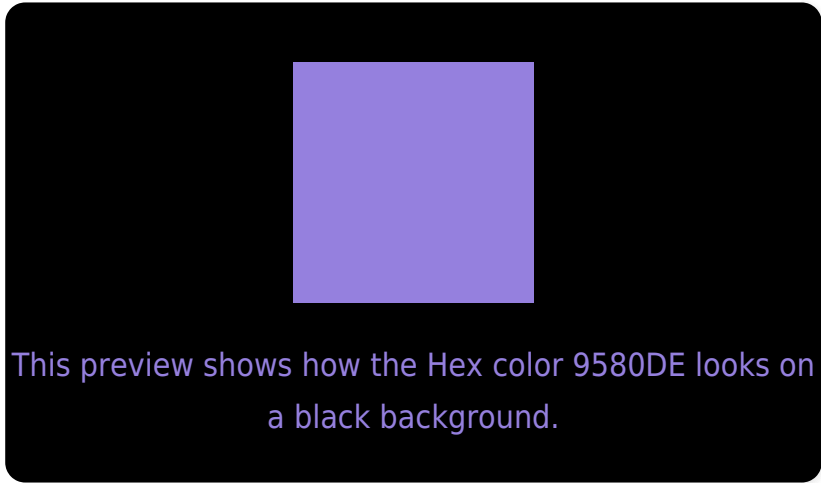
Large Text (above 18pt) WCAG AA ✓ Pass

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 9580DE Background



This preview shows how black text looks on a background with the Hex color 9580DE.

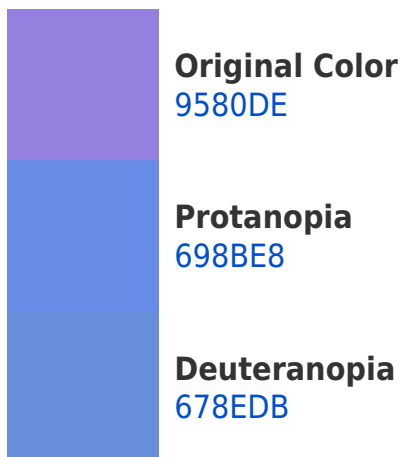


This preview shows how white text looks on a background with the Hex color 9580DE.

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](#).

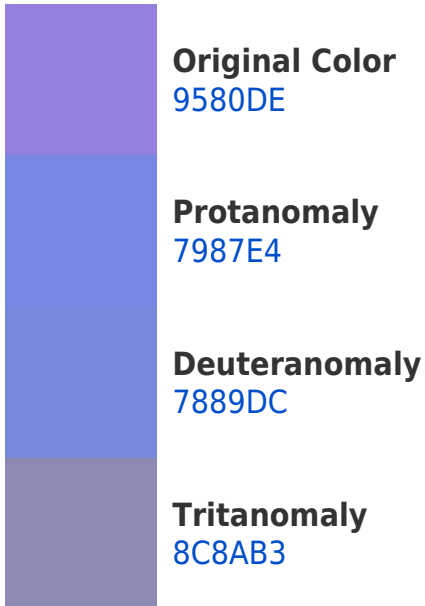
Dichromacy



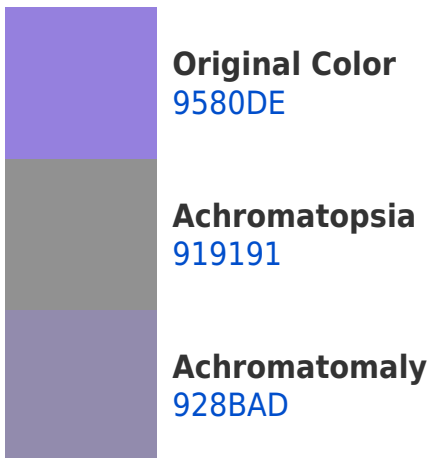


Tritanopia
878F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9580DE 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 #9580DE looks like.

```
.text, #text, p{  
    color:#9580DE  
}
```

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 #9580DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9580DE
}
```

Border

The CSS property to change the border of an element to Hex 9580DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

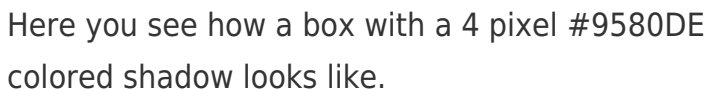
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9580DE }
```

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

```
.border{ border-color:#9580DE }
```

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



Here you see how a box with a 4 pixel #9580DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9580DE; -webkit-box-shadow:4px 4px  
4px 4px #9580DE; box-shadow:4px 4px 4px  
4px #9580DE }
```

Background

The CSS property to change the background color of an element to Hex 9580DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9580DE }
```

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

```
.background{ background-color:#9580DE }
```

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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