

Converting Colors

Hex(9580EC)

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

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Color

Hex(9580EC)

Conversions

Conversions Part 1

Format	Color
Hex	9580EC
RGB	149, 128, 236
RGB Percent	58%, 50%, 93%
CMY	0.4157, 0.4980, 0.0745
CMYK	0.37, 0.46, 0.00, 0.07
HSL	252°, 74%, 71%
HSV	252°, 46%, 93%
XYZ	35.2539, 27.8840, 82.8810
YIQ	146.5910, -22.1520, 38.0400

Conversions

Conversions Part 2

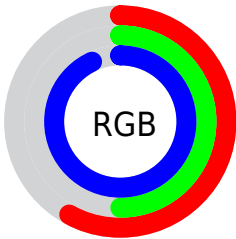
Format	Color
R_{YB}	149, 128, 236
Decimal	9797868
CIE _{Lab}	59.78, 32.59, -51.95
CIE _{LCh}	60, 61.327, 302.104
Yxy	27.8840, 0.2414, 0.1910
Android (android.graphics.Color)	4287987948 (0xFF9580EC)
YUV	146.5910, 44.0786, 2.1127
Hunter-Lab	52.8053, 26.7609, -56.0953

Details

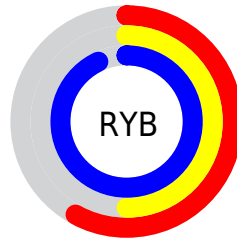
The Hex color **9580EC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7EC80**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CEB5FF**, and **5D4EB3** is the 20% darker color. If you saturate the color by 10%, you get **8268EC**, and if you desaturate by 10%, it is **A898EC**.

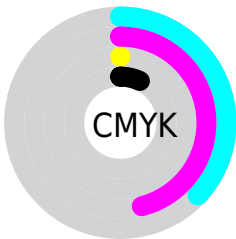
Distribution



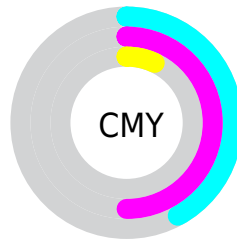
- Red (58%)
- Green (50%)
- Blue (93%)



- Red (58%)
- Yellow (50%)
- Blue (93%)



- Cyan (37%)
- Magenta (46%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (50%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 9580EC

 9580EC

FFFFFF

 7967CF

 CEB5FF

 5D4EB3

 EBD1FF

 413798

 FFEDFF

 22217E

 000C64

 00004C

 000434

 00021E

 000000

 9580EC

 9580EC

 8268EC

 A898EC

 6F51EC

 BBAFEC

 5C39EC

 CEC7EC

 4922EC

 E1DEEC

 360AEC

 F4F6EC

 2E00EC

 FFFFEC

Harmonies

Analogous

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



0095FC



9580EC



D468C3

Triad

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



9580EC



D27A2D



00A992

Complementary

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



9580EC



D7EC80

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.



00A65B



9580EC



A88F11

Square

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



9580EC



ED645A



719D2B



00A9C8

Rectangle

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



9580EC



EA5DA1



719D2B



00A97F

Sweetspot

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



9580EC



E2DBFF



80D8EC



6E6A80



000000



808080

Same Dimension

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



9580EC



8E73FF



CA80EC



6C6A75



2300B5



0A0036

Inverse Universe

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



EC80D7



FF73E4



A2EC80



756A73



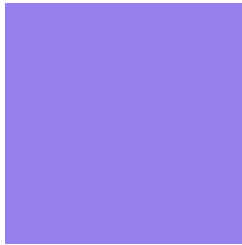
B50092



36002B

Previews

White Background



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

Color Contrast Check

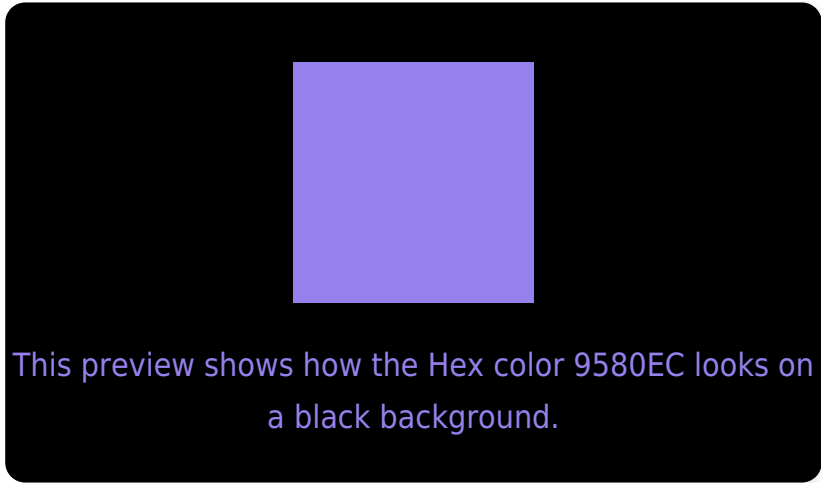
Large Text (above 18pt) WCAG AA ✓ Pass

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 9580EC Background



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



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

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](#).

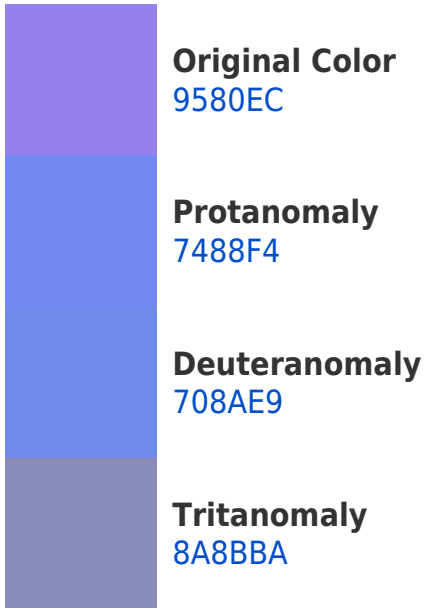
Dichromacy



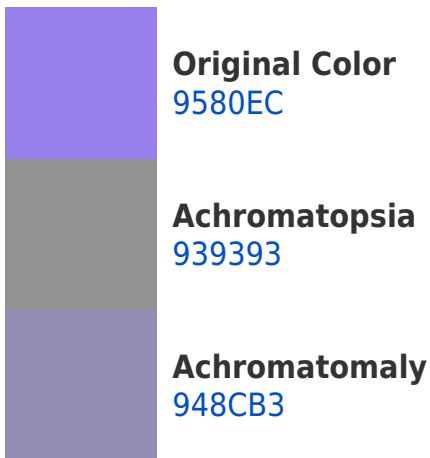


Tritanopia
83929E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9580EC colored shadow looks like.

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

Border

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

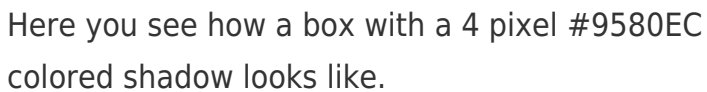
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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