

Converting Colors

Hex(7989E5)

Have a look what the booklet for
Hex(7989E5) contains.

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Color

Hex(7989E5)

Conversions

Conversions Part 1

Format	Color
Hex	7989E5
RGB	121, 137, 229
RGB Percent	47%, 54%, 90%
CMY	0.5255, 0.4627, 0.1020
CMYK	0.47, 0.40, 0.00, 0.10
HSL	231°, 68%, 69%
HSV	231°, 47%, 90%
XYZ	30.9737, 27.6134, 77.8262
YIQ	142.7040, -39.0680, 25.2200

Conversions

Conversions Part 2

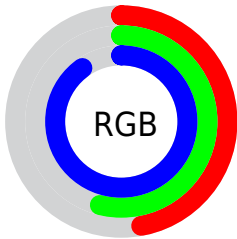
Format	Color
RYB	121, 135, 229
Decimal	7965157
CIELab	59.54, 18.48, -48.58
CIElCh	60, 51.980, 290.828
Yxy	27.6134, 0.2271, 0.2024
Android (android.graphics.Color)	4286155237 (0xFF7989E5)
YUV	142.7040, 42.5439, -19.0344
Hunter-Lab	52.5485, 13.2536, -51.0267

Details

The Hex color **7989E5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E5D579**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B2BEFF**, and **3F58AD** is the 20% darker color. If you saturate the color by 10%, you get **6275E5**, and if you desaturate by 10%, it is **909DE5**.

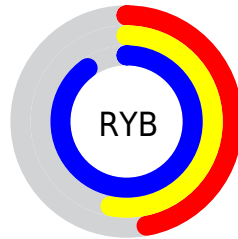
Distribution



Red (47%)

Green (54%)

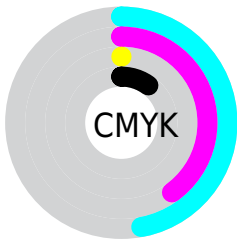
Blue (90%)



Red (47%)

Yellow (53%)

Blue (90%)

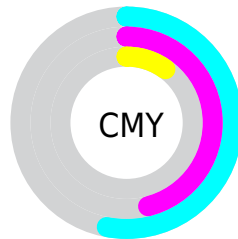


Cyan (47%)

Magenta (40%)

Yellow (0%)

Black (10%)



Cyan (53%)

Magenta (46%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7989E5 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 7989E5 by changing the saturation by 10% instead.

 7989E5

 7989E5

FFFFFF

 5D70C9

 B2BEFF

 3F58AD

 CFDAFF

 1C4192

 EDF6FF

 002B78

 00185E

 000046

 00042F

 000119

 000000

 7989E5

 7989E5

 6275E5

 909DE5

 4B62E5

 A7B0E5

 344EE5

 BEC4E5

 1D3BE5

 D5D7E5

 0627E5

 ECEBE5

 0022E5

 FFFEE5

 FFFFE5

Harmonies

Analogous

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



0099E9



7989E5



BA76CA

Triad

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



7989E5



D4774A



00A57F

Complementary

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



7989E5



E5D579

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.



52A053



7989E5



B58831

Square

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



7989E5



E36971



8A9734



00A6AE

Rectangle

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



7989E5



D36BAE



8A9734



00A470

Sweetspot

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



7989E5



DBE1FF



79E5D5



6A6D80



000000



808080

Same Dimension

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



7989E5



6E83FF



9F79E5



676973



001AB3



000833

Inverse Universe

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



E57989



FF6E83



BFE579



736769



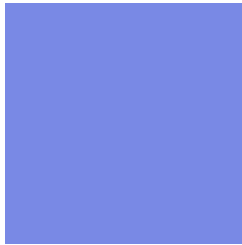
B3001A



330008

Previews

White Background



This preview shows how the Hex color 7989E5 looks on a white background.

Color Contrast Check

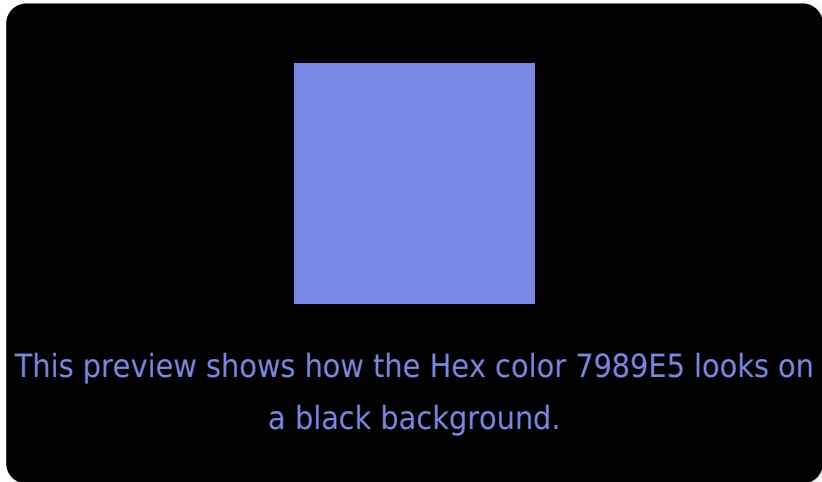
Large Text (above 18pt) WCAG AA ✓ Pass

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

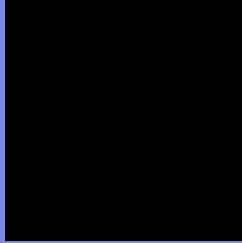
Any Text WCAG AA ✓ Pass

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 7989E5 Background



This preview shows how black text looks on a background with the Hex color 7989E5.



This preview shows how white text looks on a background with the Hex color 7989E5.

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](#).

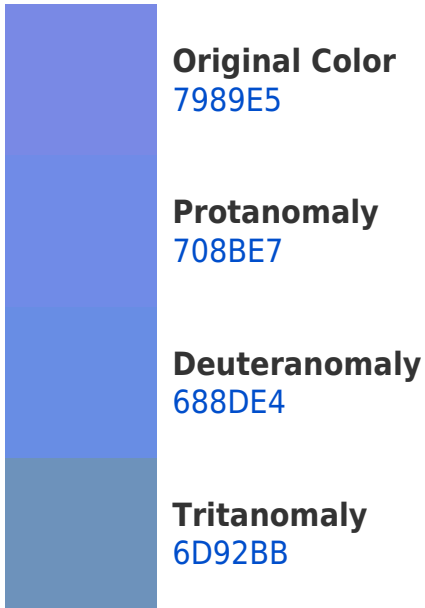
Dichromacy



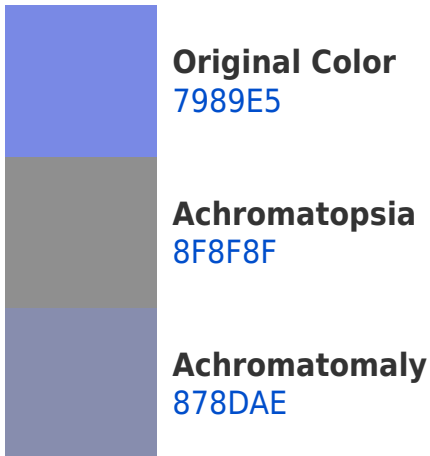


Tritanopia
6697A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7989E5 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 #7989E5 looks like.

```
.text, #text, p{  
    color:#7989E5  
}
```

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 #7989E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7989E5
}
```

Border

The CSS property to change the border of an element to Hex 7989E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

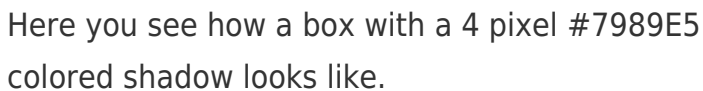
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7989E5 }
```

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

```
.border{ border-color:#7989E5 }
```

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



Here you see how a box with a 4 pixel #7989E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7989E5; -webkit-box-shadow:4px 4px  
4px 4px #7989E5; box-shadow:4px 4px 4px  
4px #7989E5 }
```

Background

The CSS property to change the background color of an element to Hex 7989E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7989E5 }
```

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

```
.background{ background-color:#7989E5 }
```

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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