

Converting Colors

Hex(7978E9)

Have a look what the booklet for
Hex(7978E9) contains.

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Color

Hex(7978E9)

Conversions

Conversions Part 1

Format	Color
Hex	7978E9
RGB	121, 120, 233
RGB Percent	47%, 47%, 91%
CMY	0.5255, 0.5294, 0.0863
CMYK	0.48, 0.48, 0.00, 0.09
HSL	241°, 72%, 69%
HSV	241°, 48%, 91%
XYZ	29.3096, 23.3811, 80.0590
YIQ	133.1810, -35.6770, 35.3550

Conversions

Conversions Part 2

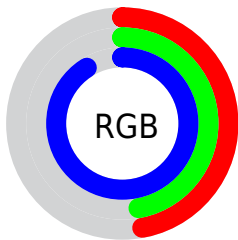
Format	Color
RYB	121, 120, 233
Decimal	7960809
CIELab	55.46, 29.77, -57.30
CIELCh	55, 64.576, 297.454
Yxy	23.3811, 0.2208, 0.1761
Android (android.graphics.Color)	4286150889 (0xFF7978E9)
YUV	133.1810, 49.2108, -10.6827
Hunter-Lab	48.3540, 23.5777, -64.3178

Details

The Hex color **7978E9** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E8E978**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B3ACFF**, and **3D48B1** is the 20% darker color. If you saturate the color by 10%, you get **6261E9**, and if you desaturate by 10%, it is **908FE9**.

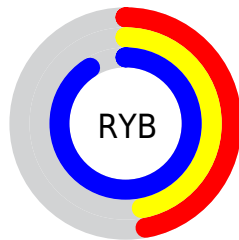
Distribution



Red (47%)

Green (47%)

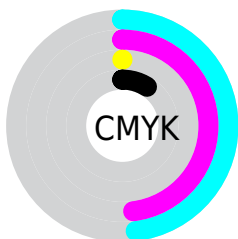
Blue (91%)



Red (47%)

Yellow (47%)

Blue (91%)

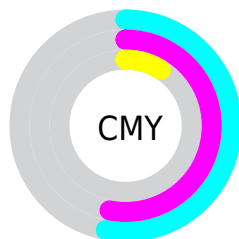


Cyan (48%)

Magenta (48%)

Yellow (0%)

Black (9%)



Cyan (53%)

Magenta (53%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7978E9 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 7978E9 by changing the saturation by 10% instead.

■ 7978E9

■ 7978E9

FFFFFF

■ 5C5FCC

■ B3ACFF

■ 3D48B1

■ D0C8FF

■ 163195

■ EEE4FF

■ 001C7B

■ 000961

■ 000149

■ 000431

■ 00011B

■ 000000

 7978E9

 7978E9

 6261E9

 908FE9

 4B49E9

 A7A7E9

 3432E9

 BEBEE9

 1D1BE9

 D5D5E9

 0604E9

 ECECE9

 0200E9

 FFFFE9

Harmonies

Analogous

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



008DF5



7978E9



C35DC2

Triad

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



7978E9



CD6A22



009E7E

Complementary

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



7978E9



E8E978

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.



009A45



7978E9



A38100

Square

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



7978E9



E55255



6D9109



009EB7

Rectangle

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



7978E9



DD4E9F



6D9109



009D6B

Sweetspot

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



7978E9



D9D9FF



78E9E9



696980



000000



808080

Same Dimension

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



7978E9



6C6BFF



B178E9



6A6A75



0200B5



000036

Inverse Universe

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



E978E8



FF6BFE



B1E978



756A75



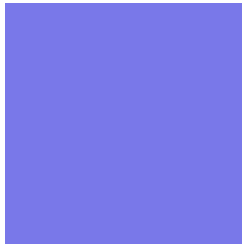
B500B3



360035

Previews

White Background



This preview shows how the Hex color 7978E9 looks on a white background.

Color Contrast Check

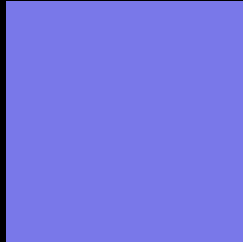
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7978E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

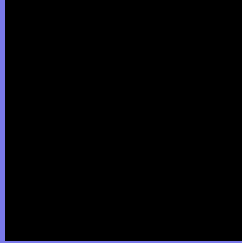
Any Text WCAG AA ✓ Pass

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 7978E9 Background



This preview shows how black text looks on a background with the Hex color 7978E9.



This preview shows how white text looks on a background with the Hex color 7978E9.

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](#).

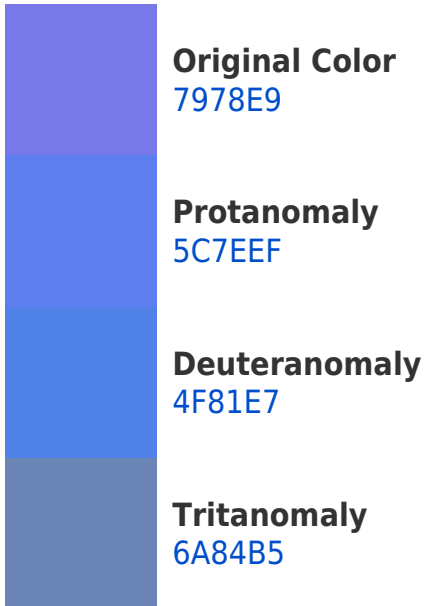
Dichromacy





Tritanopia
618B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7978E9 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 #7978E9 looks like.

```
.text, #text, p{  
    color:#7978E9  
}
```

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 #7978E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7978E9
}
```

Border

The CSS property to change the border of an element to Hex 7978E9 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
#7978E9 }
```

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

```
.border{ border-color:#7978E9 }
```

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

Here you see how a box with a 4 pixel #7978E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7978E9; -webkit-box-shadow:4px 4px  
4px 4px #7978E9; box-shadow:4px 4px 4px  
4px #7978E9 }
```

Background

The CSS property to change the background color of an element to Hex 7978E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7978E9 }
```

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

```
.background{ background-color:#7978E9 }
```

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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