

Converting Colors

Hex(7978EA)

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

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Color

Hex(7978EA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7978EA |
| RGB | 121, 120, 234 |
| RGB Percent | 47%, 47%, 92% |
| CMY | 0.5255, 0.5294, 0.0824 |
| CMYK | 0.48, 0.49, 0.00, 0.08 |
| HSL | 241°, 73%, 69% |
| HSV | 241°, 49%, 92% |
| XYZ | 29.4529, 23.4384, 80.8136 |
| YIQ | 133.2950, -35.9980, 35.6660 |

Conversions

Conversions Part 2

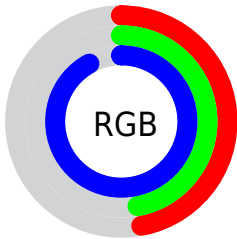
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 121, 120, 234 |
| Decimal | 7960810 |
| CIE _{Lab} | 55.52, 30.07, -57.77 |
| CIE _{LCh} | 56, 65.126, 297.498 |
| Yxy | 23.4384, 0.2203, 0.1753 |
| Android (android.graphics.Color) | 4286150890 (0xFF7978EA) |
| YUV | 133.2950, 49.6476, -10.7827 |
| Hunter-Lab | 48.4132, 23.8700, -65.0804 |

Details

The Hex color **7978EA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E9EA78**, 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 **6261EA**, and if you desaturate by 10%, it is **908FEA**.

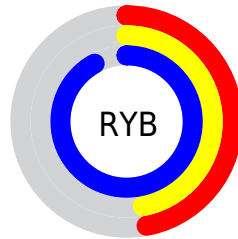
Distribution



Red (47%)

Green (47%)

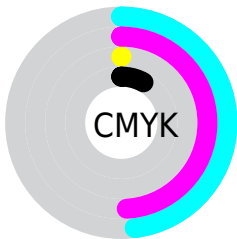
Blue (92%)



Red (47%)

Yellow (47%)

Blue (92%)

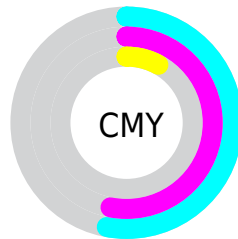


Cyan (48%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (53%)

Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients

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

■ 7978EA

■ 7978EA

FFFFFF

■ 5C5FCD

■ B3ACFF

■ 3D48B1

■ D0C8FF

■ 153196

■ EEE4FF

■ 001C7C

■ 000962

■ 000049

■ 000432

■ 00011C

■ 000000

 7978EA

 7978EA

 6261EA

 908FEA

 4B49EA

 A7A7EA

 3332EA

 BFBEEA

 1C1AEA

 D6D6EA

 0503EA

 EDEDEA

 0200EA

 FFFFEA

Harmonies

Analogous

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



008DF7



7978EA



C45DC3

Triad

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



7978EA



CE6A21



009E7E

Complementary

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



7978EA



E9EA78

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.



009A44



7978EA



A38100

Square

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



7978EA



E65154



6C9106



009EB8

Rectangle

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



7978EA



DE4E9F



6C9106



009D6B

Sweetspot

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



7978EA



D9D9FF



78EAEA



696980



000000



808080

Same Dimension

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



7978EA



6C6BFF



B178EA



6A6A75



0200B5



000036

Inverse Universe

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



EA78E9



FF6BFE



B1EA78



756A75



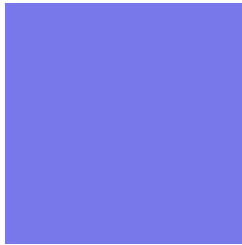
B500B3



360035

Previews

White Background



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

Color Contrast Check

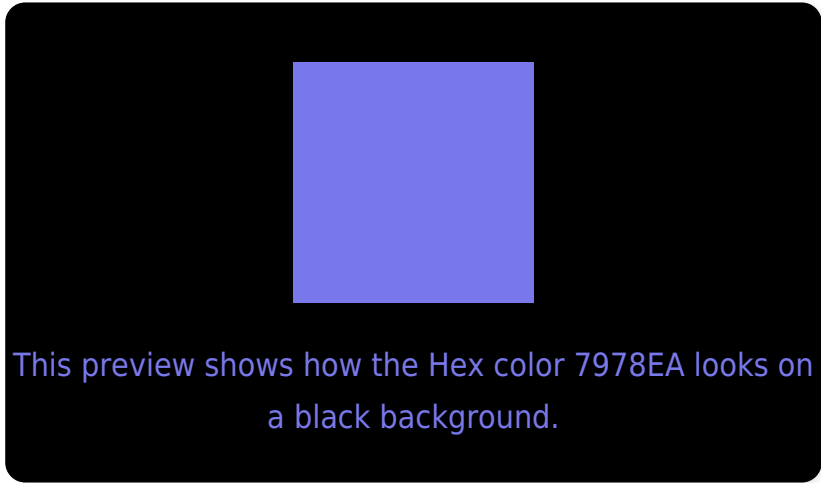
Large Text (above 18pt) WCAG AA ✓ Pass

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

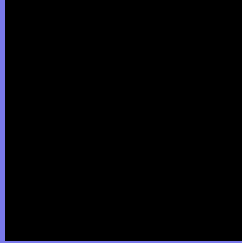
Any Text WCAG AA ✓ Pass

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 7978EA Background



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



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

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](#).

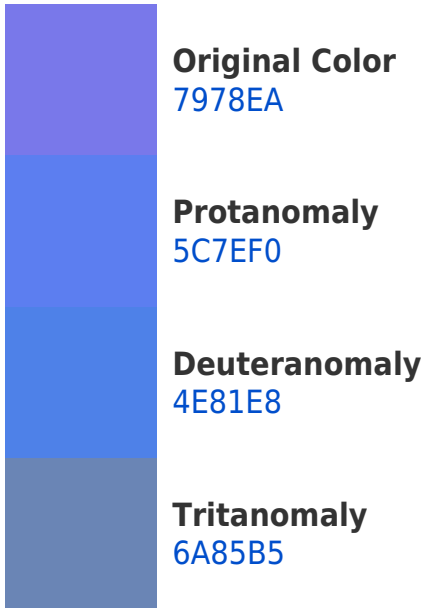
Dichromacy





Tritanopia
618C97

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7978EA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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