

Converting Colors

Hex(7C8EE4)

Have a look what the booklet for
Hex(7C8EE4) contains.

Hex(7C8EE4)	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(7C8EE4)

Conversions

Conversions Part 1

Format	Color
Hex	7C8EE4
RGB	124, 142, 228
RGB Percent	49%, 56%, 89%
CMY	0.5137, 0.4431, 0.1059
CMYK	0.46, 0.38, 0.00, 0.11
HSL	230°, 66%, 69%
HSV	230°, 46%, 89%
XYZ	31.9888, 29.2325, 77.3552
YIQ	146.4220, -38.3340, 22.9300

Conversions

Conversions Part 2

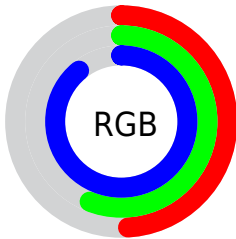
Format	Color
R_{YB}	124, 139, 228
Decimal	8163044
CIE _{Lab}	60.99, 15.96, -45.72
CIE _{LCh}	61, 48.429, 289.238
Yxy	29.2325, 0.2308, 0.2109
Android (android.graphics.Color)	4286353124 (0xFF7C8EE4)
YUV	146.4220, 40.2180, -19.6641
Hunter-Lab	54.0671, 10.9920, -46.9808

Details

The Hex color **7C8EE4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E4D27C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B5C3FF**, and **435CAC** is the 20% darker color. If you saturate the color by 10%, you get **657BE4**, and if you desaturate by 10%, it is **93A1E4**.

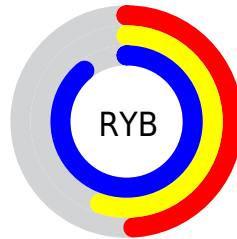
Distribution



Red (49%)

Green (56%)

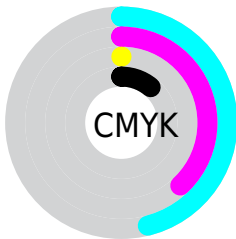
Blue (89%)



Red (49%)

Yellow (55%)

Blue (89%)

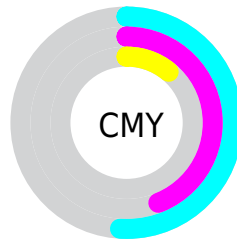


Cyan (46%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8EE4 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 7C8EE4 by changing the saturation by 10% instead.

 7C8EE4

 7C8EE4

FFFFFF

 6075C8

 B5C3FF

 435CAC

 D2DFFF

 234591

 EFFCFF

 002F77

 001B5E

 000046

 00042E

 000119

 000000

■ 7C8EE4

■ 7C8EE4

■ 657BE4

■ 93A1E4

■ 4E68E4

■ AAB4E4

■ 3855E4

■ C0C7E4

■ 2143E4

■ D7D9E4

■ 0A30E4

■ EEECE4

■ 0027E4

■ FFFFE4

Harmonies

Analogous

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



009CE7



7C8EE4



B97DCB

Triad

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



7C8EE4



D67B54



00A882

Complementary

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



7C8EE4



E4D27C

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.



5FA359



7C8EE4



B98B3D

Square

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



7C8EE4



E37079



91993E



00A9AE

Rectangle

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



7C8EE4



D273B2



91993E



2CA673

Sweetspot

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



7C8EE4



DBE1FF



7CE4D1



6A6E80



000000



808080

Same Dimension

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



7C8EE4



738BFF



9D7CE4



676973



001FB3



000933

Inverse Universe

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



E47C8E



FF738B



C3E47C



736769



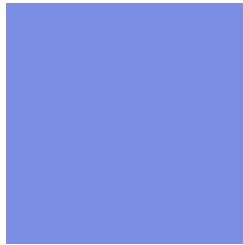
B3001F



330009

Previews

White Background



This preview shows how the Hex color 7C8EE4 looks on a white background.

Color Contrast Check

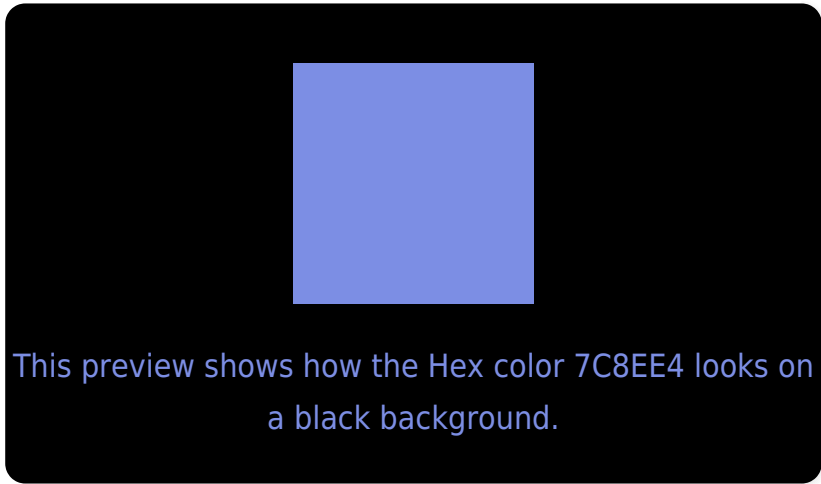
Large Text (above 18pt) WCAG AA ✓ Pass

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

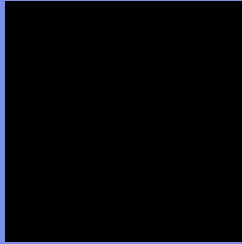
Any Text WCAG AA ✓ Pass

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 7C8EE4 Background



This preview shows how black text looks on a background with the Hex color 7C8EE4.



This preview shows how white text looks on a background with the Hex color 7C8EE4.

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



Original Color
7C8EE4

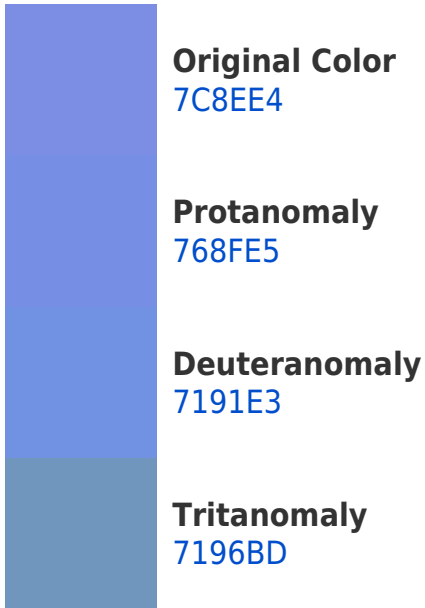
Protanopia
7390E6

Deuteranopia
6A93E3



Tritanopia
6B9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8EE4 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 #7C8EE4 looks like.

```
.text, #text, p{  
    color:#7C8EE4  
}
```

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 #7C8EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8EE4
}
```

Border

The CSS property to change the border of an element to Hex 7C8EE4 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
#7C8EE4 }
```

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

```
.border{ border-color:#7C8EE4 }
```

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

Here you see how a box with a 4 pixel #7C8EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8EE4; -webkit-box-shadow:4px 4px  
4px 4px #7C8EE4; box-shadow:4px 4px 4px  
4px #7C8EE4 }
```

Background

The CSS property to change the background color of an element to Hex 7C8EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8EE4 }
```

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

```
.background{ background-color:#7C8EE4 }
```

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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