

Converting Colors

Hex(7788EE)

Have a look what the booklet for
Hex(7788EE) contains.

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Color

Hex(7788EE)

Conversions

Conversions Part 1

Format	Color
Hex	7788EE
RGB	119, 136, 238
RGB Percent	47%, 53%, 93%
CMY	0.5333, 0.4667, 0.0667
CMYK	0.50, 0.43, 0.00, 0.07
HSL	231°, 78%, 70%
HSV	231°, 50%, 93%
XYZ	31.8445, 27.7033, 84.5578
YIQ	142.5450, -42.8740, 28.1180

Conversions

Conversions Part 2

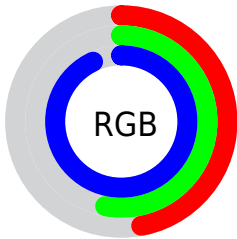
Format	Color
R _Y B	119, 134, 238
Decimal	7833838
CIE Lab	59.62, 21.32, -53.46
CIE LCh	60, 57.552, 291.747
Yxy	27.7033, 0.2210, 0.1922
Android (android.graphics.Color)	4286023918 (0xFF7788EE)
YUV	142.5450, 47.0593, -20.6490
Hunter-Lab	52.6339, 15.8865, -58.4072

Details

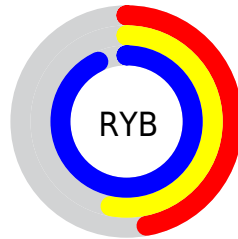
The Hex color **7788EE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EEDD77**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B1BDFF**, and **3A57B5** is the 20% darker color. If you saturate the color by 10%, you get **5F74EE**, and if you desaturate by 10%, it is **8F9CEE**.

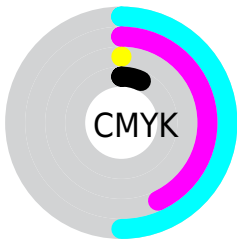
Distribution



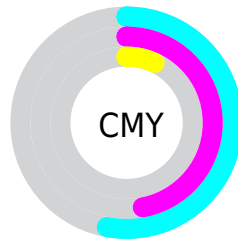
- Red (47%)
- Green (53%)
- Blue (93%)



- Red (47%)
- Yellow (53%)
- Blue (93%)



- Cyan (50%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7788EE 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 7788EE by changing the saturation by 10% instead.

 7788EE

 7788EE

FFFFFF

 5A6FD1

 B1BDFF

 3A57B5

 CED9FF

 10409A

 ECF5FF

 002A80

 001766

 00004D

 000535

 00021F

 000003

 7788EE

 7788EE

 5F74EE

 8F9CEE

 475FEE

 A7B1EE

 304BEE

 BEC5EE

 1836EE

 D6DAEE

 0022EE

 EEEEE

 FFFFEE

Harmonies

Analogous

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



0099F4



7788EE



BF72CF

Triad

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



7788EE



D97441



00A77F

Complementary

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



778EE



EED77

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.



46A24E



7788EE



B68822

Square

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



7788EE



EB636D



869828



00A8B4

Rectangle

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



7788EE



DB66B1



869828



00A66E

Sweetspot

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



7788EE



D9DEFF



77EEDC



696C80



000000



808080

Same Dimension

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



7788EE



667CFF



A177EE



6C6E78



001AB8



000838

Inverse Universe

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



EE7788



FF667C



C4EE77



786C6E



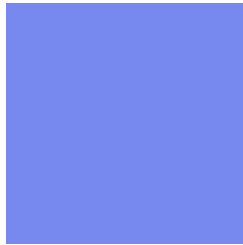
B8001A



380008

Previews

White Background



This preview shows how the Hex color 7788EE looks on a white background.

Color Contrast Check

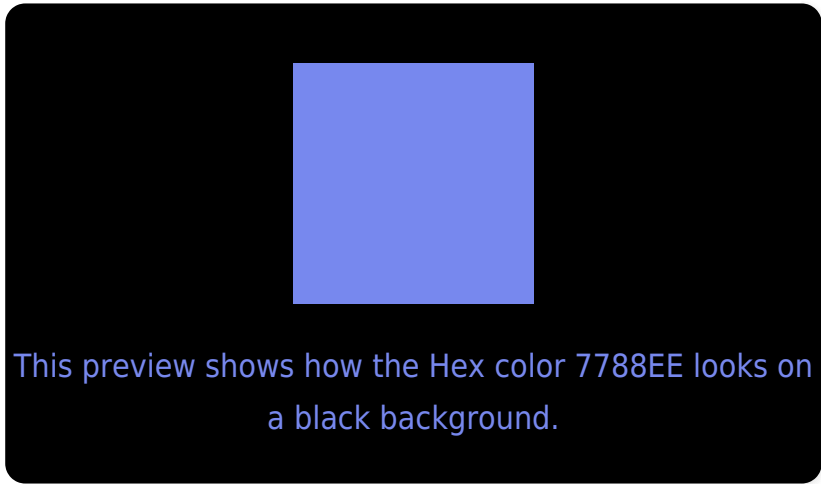
Large Text (above 18pt) WCAG AA ✓ Pass

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

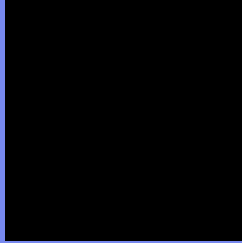
Any Text WCAG AA ✓ Pass

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 7788EE Background



This preview shows how black text looks on a background with the Hex color 7788EE.



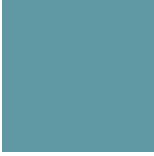
This preview shows how white text looks on a background with the Hex color 7788EE.

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](#).

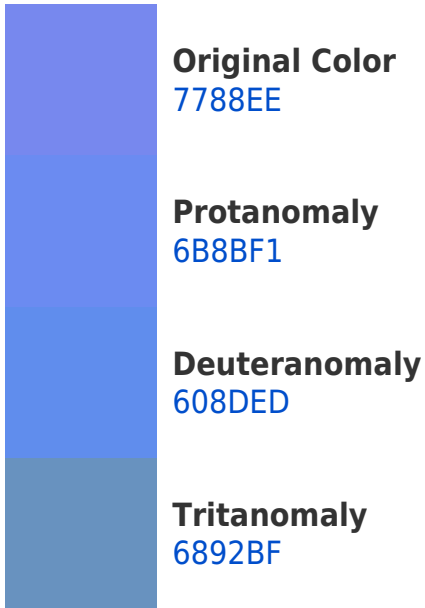
Dichromacy



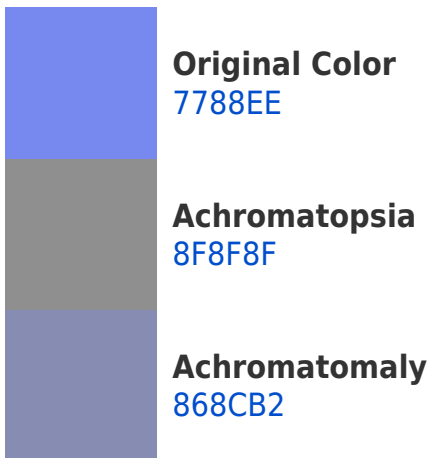


Tritanopia
6098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7788EE 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 #7788EE looks like.

```
.text, #text, p{  
    color:#7788EE  
}
```

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 #7788EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7788EE
}
```

Border

The CSS property to change the border of an element to Hex 7788EE 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
#7788EE }
```

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

```
.border{ border-color:#7788EE }
```

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

Here you see how a box with a 4 pixel #7788EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7788EE; -webkit-box-shadow:4px 4px  
4px 4px #7788EE; box-shadow:4px 4px 4px  
4px #7788EE }
```

Background

The CSS property to change the background color of an element to Hex 7788EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7788EE }
```

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

```
.background{ background-color:#7788EE }
```

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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