Converting Colors

Hex(7898ED)

Have a look what the booklet for Hex(7898ED) contains.

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Color

Hex(7898ED)

Conversions

Conversions Part 1

Format	Color
Hex	7898ED
RGB	120, 152, 237
RGB Percent	47%, 60%, 93%
CMY	0.5294, 0.4039, 0.0706
CMYK	0.49, 0.36, 0.00, 0.07
HSL	224°, 76%, 70%
HSV	224°, 49%, 93%
XYZ	34.2600, 32.5640, 84.6005
YIQ	152.1220, -46.3570, 19.6510

Conversions

Conversions Part 2

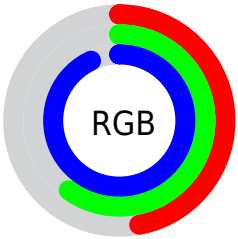
Format	Color
RYB	120, 145, 237
Decimal	7903469
CIELab	63.81, 11.85, -46.27
CIELCh	64, 47.761, 284.361
Yxy	32.5640, 0.2263, 0.2151
Android (android.graphics.Color)	4286093549 (0xFF7898ED)
YUV	152.1220, 41.8449, -28.1710
Hunter-Lab	57.0648, 7.3026, -47.9540

Details

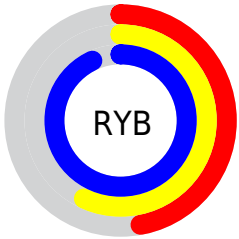
The Hex color 7898ED is a light color, and the websafe version is hex 6699FF. A complement of this color would be EDCD78, and the grayscale version is 989898.

A 20% lighter version of the original color is B2CEFF, and 3D65B5 is the 20% darker color. If you saturate the color by 10%, you get 6087ED, and if you desaturate by 10%, it is 90A9ED.

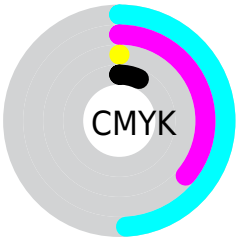
Distribution



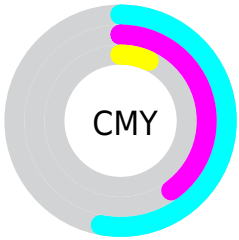
- Red (47%)
- Green (60%)
- Blue (93%)



- Red (47%)
- Yellow (57%)
- Blue (93%)



- Cyan (49%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7898ED 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 7898ED by changing the saturation by 10% instead.

7898ED	7898ED
FFFFFF	5B7ED0
B2CEFF	3D65B5
CFEAFF	164E99
ECFFFF	00387F
	002366
	000D4D
	000536
	00021F
	000003

7898ED	7898ED
6087ED	90A9ED
4976ED	A7BAED
3164ED	BFCCED
1953ED	D7DDED
0242ED	EEEEED
0041ED	FFFFED

Harmonies

Analogous

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

00A5EC

7898ED

B887D8

Triad

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

7898ED

E18161

27AF82

Complementary

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

7898ED

EDCD78

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.

70A95B

7898ED

C69047

Square

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

7898ED

EB7788

A09F45

00B0AE

Rectangle

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

7898ED

D47DC0

A09F45

47AD74

Sweetspot

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

7898ED

D9E3FF

78EDCC

696F80

000000

808080

Same Dimension

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

7898ED

6992FF

9178ED

6A6D75

0032B5

000F36

Inverse Universe

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

ED7898

FF6992

D4ED78

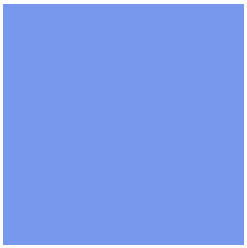
756A6D

B50032

36000F

Previews

White Background

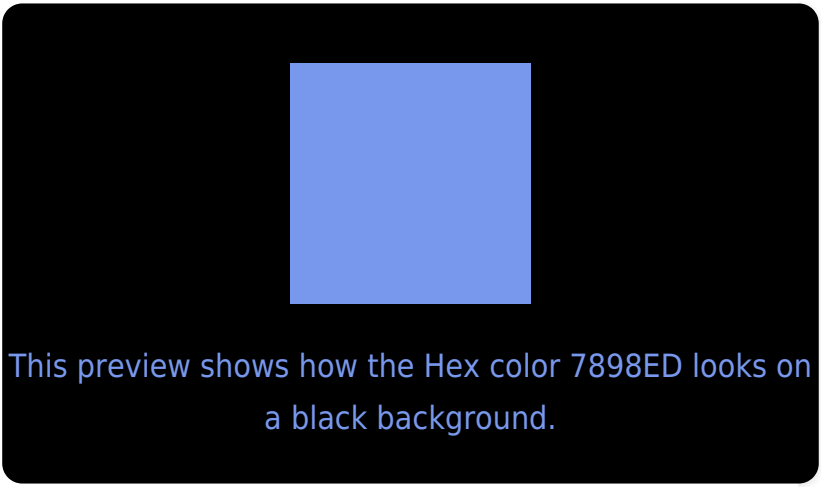


This preview shows how the Hex color 7898ED looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background

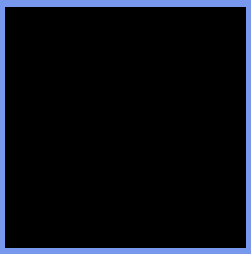


Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 7898ED Background



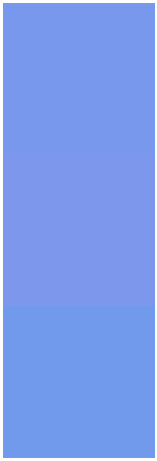
This preview shows how black text looks on a background with the Hex color 7898ED.

This preview shows how white text looks on a background with the Hex color 7898ED.

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



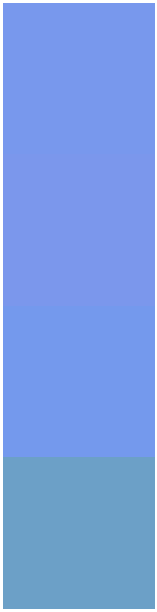
Original Color
7898ED

Protanopia
7C97EC

Deuteranopia
719AED

Tritanopia
65A4B1

Trichromacy



Original Color
7898ED

Protanomaly
7B97EC

Deuteranomaly
7499ED

Tritanomaly
6CA0C7

Monochromacy

Original Color
7898ED

Achromatopsia
989898

Achromatomaly
8C98B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 7898ED 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 #7898ED looks like.

```
.text, #text, p{
    color:#7898ED
}
```

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 #7898ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7898ED }
```

Border

The CSS property to change the border of an element to Hex 7898ED 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 #7898ED }
```

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

```
.border{ border-color:#7898ED }
```

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

Here you see how a box with a 4 pixel #7898ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #7898ED; -webkit-box-shadow:4px 4px 4px 4px #7898ED; box-shadow:4px 4px 4px 4px #7898ED }
```

Background

The CSS property to change the background color of an element to Hex 7898ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#7898ED }
```

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

```
.background{ background-color:#7898ED }
```

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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