

Converting Colors

Hex(7892EA)

Have a look what the booklet for
Hex(7892EA) contains.

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Color

Hex(7892EA)

Conversions

Conversions Part 1

Format	Color
Hex	7892EA
RGB	120, 146, 234
RGB Percent	47%, 57%, 92%
CMY	0.5294, 0.4275, 0.0824
CMYK	0.49, 0.38, 0.00, 0.08
HSL	226°, 73%, 69%
HSV	226°, 49%, 92%
XYZ	32.8759, 30.4914, 81.9946
YIQ	148.2580, -43.7440, 21.8560

Conversions

Conversions Part 2

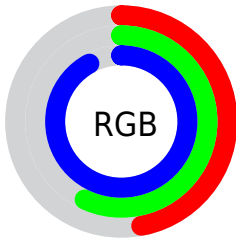
Format	Color
RYB	120, 141, 234
Decimal	7901930
CIELab	62.08, 14.45, -47.34
CIElCh	62, 49.500, 286.969
Yxy	30.4914, 0.2262, 0.2098
Android (android.graphics.Color)	4286092010 (0xFF7892EA)
YUV	148.2580, 42.2708, -24.7823
Hunter-Lab	55.2190, 9.6409, -49.3864

Details

The Hex color **7892EA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EAD078**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B1C8FF**, and **3D60B2** is the 20% darker color. If you saturate the color by 10%, you get **6180EA**, and if you desaturate by 10%, it is **8FA4EA**.

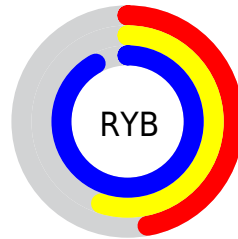
Distribution



Red (47%)

Green (57%)

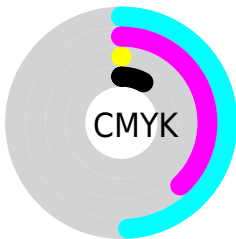
Blue (92%)



Red (47%)

Yellow (55%)

Blue (92%)

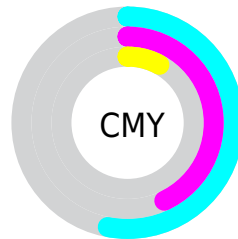


Cyan (49%)

Magenta (38%)

Yellow (0%)

Black (8%)



Cyan (53%)

Magenta (43%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7892EA 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 7892EA by changing the saturation by 10% instead.

 7892EA

 7892EA

FFFFFF

 5B78CE

 B1C8FF

 3D60B2

 CFE4FF

 184997

 ECFFFF

 00337C

 001E63

 00054B

 000433

 00021D

 000000

 7892EA

 7892EA

 6180EA

 8FA4EA

 496EEA

 A7B6EA

 325CEA

 BEC8EA

 1A4AEA

 D6DAEA

 0338EA

 EDECEA

 0035EA

 FFFEEA

 FFFFEA

Harmonies

Analogous

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



00A0EB



7892EA



B980D2

Triad

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



7892EA



DC7C58



00AB81

Complementary

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



7892EA



EAD078

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.



65A558



7892EA



BF8D3E

Square

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



7892EA



E8717F



979B3E



00ACAE

Rectangle

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



7892EA



D476B9



979B3E



34A972

Sweetspot

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



7892EA



D9E1FF



78EACF



696E80



000000



808080

Same Dimension

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



7892EA



6B8DFF



9678EA



6A6C75



0029B5



000C36

Inverse Universe

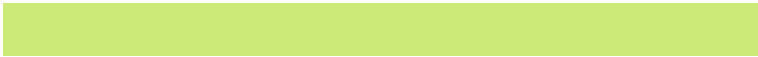
The Inverse Universe completely reimagines the original color for something new.



EA7892



FF6B8D



CCEA78



756A6C



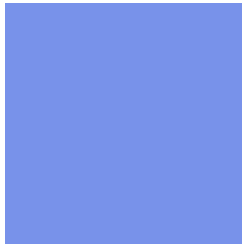
B50029



36000C

Previews

White Background



This preview shows how the Hex color 7892EA looks on a white background.

Color Contrast Check

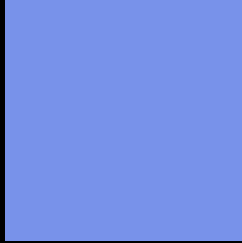
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7892EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

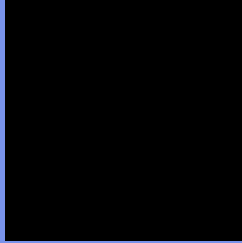
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7892EA Background



This preview shows how black text looks on a background with the Hex color 7892EA.



This preview shows how white text looks on a background with the Hex color 7892EA.

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

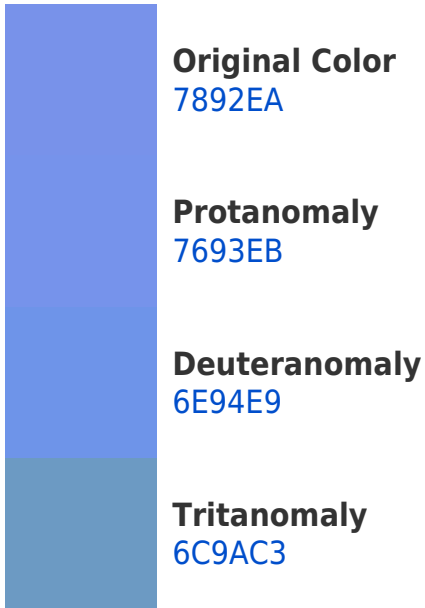


Original Color
7892EA

Protanopia
7593EB

Deuteranopia
6995E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7892EA 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 #7892EA looks like.

```
.text, #text, p{  
    color:#7892EA  
}
```

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 #7892EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7892EA
}
```

Border

The CSS property to change the border of an element to Hex 7892EA 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
#7892EA }
```

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

```
.border{ border-color:#7892EA }
```

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

Here you see how a box with a 4 pixel #7892EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7892EA; -webkit-box-shadow:4px 4px  
4px 4px #7892EA; box-shadow:4px 4px 4px  
4px #7892EA }
```

Background

The CSS property to change the background color of an element to Hex 7892EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7892EA }
```

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

```
.background{ background-color:#7892EA }
```

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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