

Converting Colors

Hex(8383EA)

Have a look what the booklet for
Hex(8383EA) contains.

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Color

Hex(8383EA)

Conversions

Conversions Part 1

Format	Color
Hex	8383EA
RGB	131, 131, 234
RGB Percent	51%, 51%, 92%
CMY	0.4863, 0.4863, 0.0824
CMYK	0.44, 0.44, 0.00, 0.08
HSL	240°, 71%, 72%
HSV	240°, 44%, 92%
XYZ	32.3277, 26.9984, 81.3493
YIQ	142.7420, -33.0630, 32.0330

Conversions

Conversions Part 2

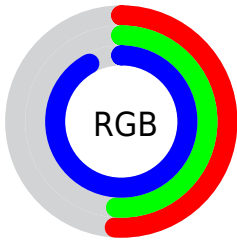
Format	Color
RYB	131, 131, 234
Decimal	8618986
CIELab	58.97, 25.86, -52.22
CIELCh	59, 58.269, 296.347
Yxy	26.9984, 0.2298, 0.1919
Android (android.graphics.Color)	4286809066 (0xFF8383EA)
YUV	142.7420, 44.9902, -10.2977
Hunter-Lab	51.9600, 20.1264, -56.4532

Details

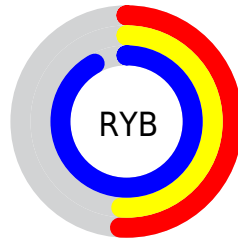
The Hex color **8383EA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EAEA83**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BCB8FF**, and **4A52B2** is the 20% darker color. If you saturate the color by 10%, you get **6C6CEA**, and if you desaturate by 10%, it is **9A9AEA**.

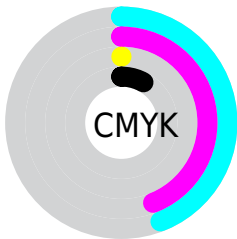
Distribution



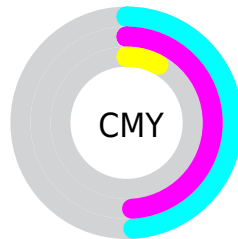
- Red (51%)
- Green (51%)
- Blue (92%)



- Red (51%)
- Yellow (51%)
- Blue (92%)



- Cyan (44%)
- Magenta (44%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8383EA 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 8383EA by changing the saturation by 10% instead.

 8383EA

 8383EA

FFFFFF

 676ACD

 BCB8FF

 4A52B2

 D9D4FF

 2A3B96

 F7F0FF

 00257C

 001262

 00004A

 000432

 00021C

 000000

 8383EA

 8383EA

 6C6CEA

 9A9AEA

 5454EA

 B2B2EA

 3D3DEA

 C9C9EA

 2525EA

 E1E1EA

 0E0EEA

 F8F8EA

 0000EA

 FFFFEA

Harmonies

Analogous

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



0096F4



8383EA



C66DC7

Triad

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



8383EA



D47538



00A686

Complementary

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



8383EA



EAEA83

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.



33A252



8383EA



AE891C

Square

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



8383EA



E96264



7C9829



00A6BA

Rectangle

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



8383EA



DF61A7



7C9829



00A574

Sweetspot

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



8383EA



DEDEFF



83EAEA



6B6B80



000000



808080

Same Dimension

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



8383EA



7878FF



B783EA



6A6A75



0000B5



000036

Inverse Universe

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



EA83EA



FF78FF



B7EA83



756A75



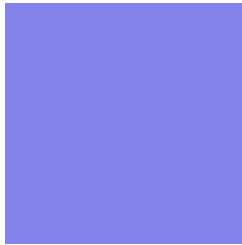
B500B5



360036

Previews

White Background



This preview shows how the Hex color 8383EA looks on a white background.

Color Contrast Check

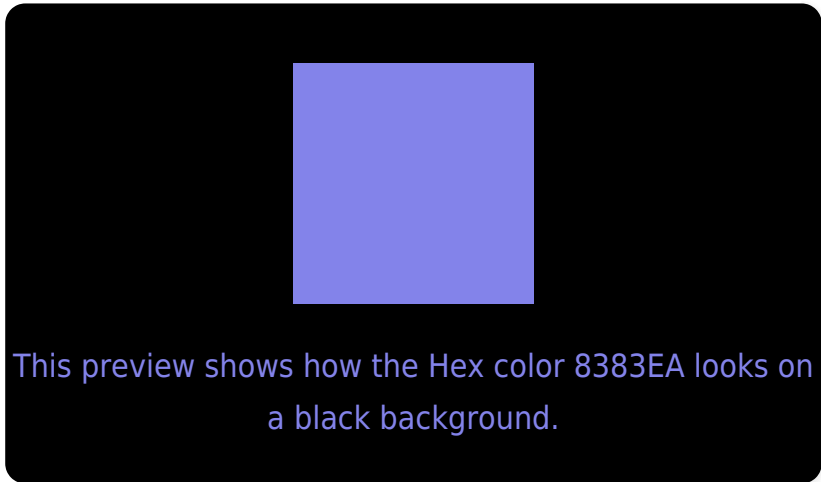
Large Text (above 18pt) WCAG AA ✓ Pass

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

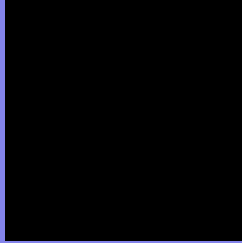
Any Text WCAG AA ✓ Pass

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 8383EA Background



This preview shows how black text looks on a background with the Hex color 8383EA.

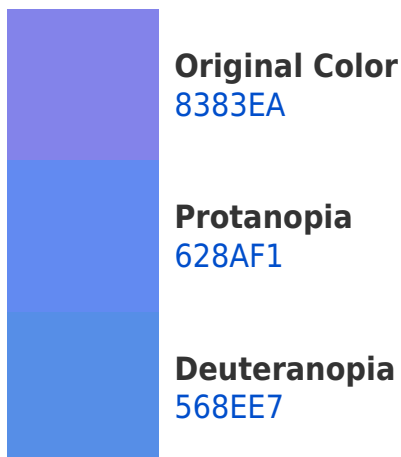


This preview shows how white text looks on a background with the Hex color 8383EA.

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](#).

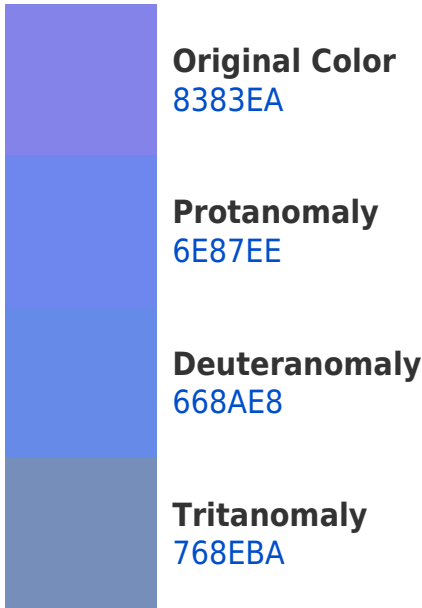
Dichromacy



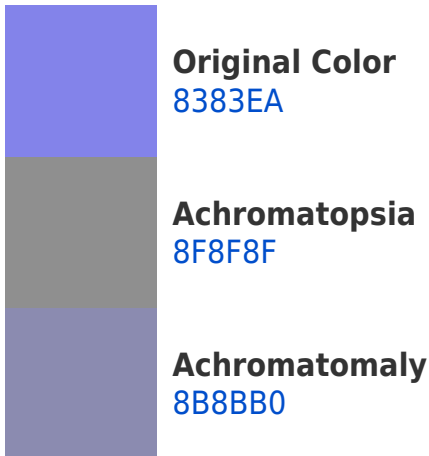


Tritanopia
6F949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8383EA 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 #8383EA looks like.

```
.text, #text, p{  
    color:#8383EA  
}
```

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 #8383EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8383EA
}
```

Border

The CSS property to change the border of an element to Hex 8383EA 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
#8383EA }
```

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

```
.border{ border-color:#8383EA }
```

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

Here you see how a box with a 4 pixel #8383EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8383EA; -webkit-box-shadow:4px 4px  
4px 4px #8383EA; box-shadow:4px 4px 4px  
4px #8383EA }
```

Background

The CSS property to change the background color of an element to Hex 8383EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8383EA }
```

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

```
.background{ background-color:#8383EA }
```

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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