

Converting Colors

Hex(8295EE)

Have a look what the booklet for
Hex(8295EE) contains.

Hex(8295EE)	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(8295EE)

Conversions

Conversions Part 1

Format	Color
Hex	8295EE
RGB	130, 149, 238
RGB Percent	51%, 58%, 93%
CMY	0.4902, 0.4157, 0.0667
CMYK	0.45, 0.37, 0.00, 0.07
HSL	229°, 76%, 72%
HSV	229°, 45%, 93%
XYZ	35.3860, 32.4138, 85.2804
YIQ	153.4650, -39.8930, 23.6510

Conversions

Conversions Part 2

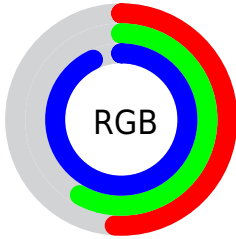
Format	Color
R _Y B	130, 146, 238
Decimal	8558062
CIE Lab	63.68, 16.23, -46.97
CIE LCh	64, 49.697, 289.064
Yxy	32.4138, 0.2312, 0.2117
Android (android.graphics.Color)	4286748142 (0xFF8295EE)
YUV	153.4650, 41.6758, -20.5788
Hunter-Lab	56.9331, 11.3113, -48.9576

Details

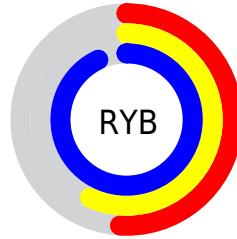
The Hex color **8295EE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EEDB82**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BBCBFF**, and **4963B6** is the 20% darker color. If you saturate the color by 10%, you get **6A81EE**, and if you desaturate by 10%, it is **9AA9EE**.

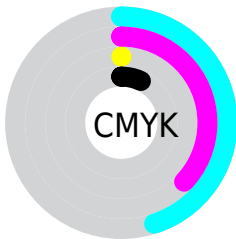
Distribution



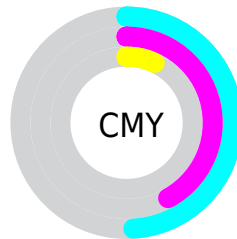
- Red (51%)
- Green (58%)
- Blue (93%)



- Red (51%)
- Yellow (57%)
- Blue (93%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (49%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8295EE 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 8295EE by changing the saturation by 10% instead.

 8295EE

 8295EE

FFFFFF

 667BD1

 BBCBFF

 4963B6

 D8E7FF

 294B9A

 F6FFFF

 003580

 002066

 000A4E

 000536

 000220

 000004

■ 8295EE

■ 8295EE

■ 6A81EE

■ 9AA9EE

■ 526EEE

■ B2BCEE

■ 3B5AEE

■ C9D0EE

■ 2347EE

■ E1E3EE

■ 0B33EE

■ F9F7EE

■ 002AEE

■ FFFFEE

Harmonies

Analogous

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



00A4F1



8295EE



C183D5

Triad

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



8295EE



E08259



00AF88

Complementary

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



8295EE



EEDB82

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.



65AA5E



8295EE



C29241

Square

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



8295EE



ED7680



98A142



00B0B6

Rectangle

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



8295EE



DB79BB



98A142



32AE79

Sweetspot

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



8295EE



DBE2FF



82EEDA



6A6E80



000000



808080

Same Dimension

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



8295EE



758EFF



A482EE



6C6E78



0020B8



000A38

Inverse Universe

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



EE8295



FF758E



CCEE82



786C6E



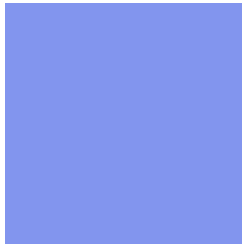
B80020



38000A

Previews

White Background



This preview shows how the Hex color 8295EE looks on a white background.

Color Contrast Check

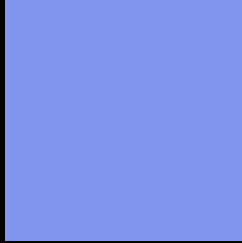
Large Text (above 18pt) WCAG AA × Fail

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 8295EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

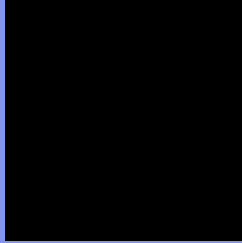
Any Text WCAG AA ✓ Pass

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 8295EE Background



This preview shows how black text looks on a background with the Hex color 8295EE.



This preview shows how white text looks on a background with the Hex color 8295EE.

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](#).

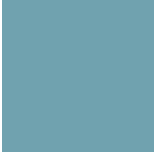
Dichromacy



Original Color
8295EE

Protanopia
7997F0

Deuteranopia
709AED

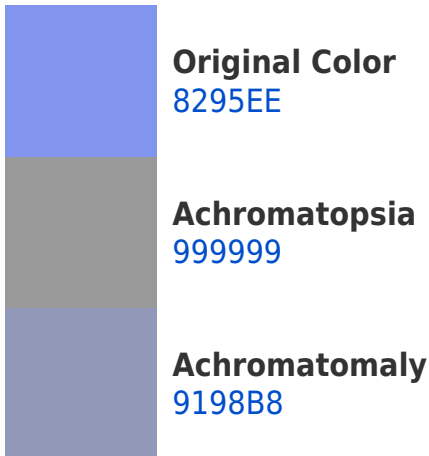


Tritanopia
70A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8295EE 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 #8295EE looks like.

```
.text, #text, p{  
    color:#8295EE  
}
```

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 #8295EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8295EE
}
```

Border

The CSS property to change the border of an element to Hex 8295EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

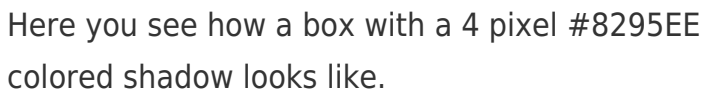
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8295EE }
```

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

```
.border{ border-color:#8295EE }
```

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



Here you see how a box with a 4 pixel #8295EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8295EE; -webkit-box-shadow:4px 4px  
4px 4px #8295EE; box-shadow:4px 4px 4px  
4px #8295EE }
```

Background

The CSS property to change the background color of an element to Hex 8295EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8295EE }
```

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

```
.background{ background-color:#8295EE }
```

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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