

# Converting Colors

Hex(8297E5)

Have a look what the booklet for  
Hex(8297E5) contains.

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# **Color**

**Hex(8297E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8297E5
RGB	130, 151, 229
RGB Percent	51%, 59%, 90%
CMY	0.4902, 0.4078, 0.1020
CMYK	0.43, 0.34, 0.00, 0.10
HSL	227°, 66%, 70%
HSV	227°, 43%, 90%
XYZ	34.4154, 32.5362, 78.5950
YIQ	153.6130, -37.5540, 19.8060

# Conversions

## Conversions Part 2

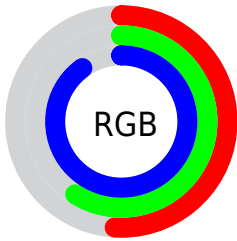
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 147, 229
Decimal	8558565
CIE <sub>Lab</sub>	63.78, 12.48, -41.85
CIE <sub>LCh</sub>	64, 43.671, 286.606
Yxy	32.5362, 0.2365, 0.2235
Android (android.graphics.Color)	4286748645 (0xFF8297E5)
YUV	153.6130, 37.1658, -20.7086
Hunter-Lab	57.0405, 7.8771, -41.7662

# Details

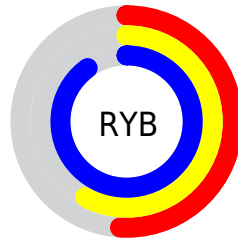
The Hex color **8297E5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E5D082**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BACDFF**, and **4A64AD** is the 20% darker color. If you saturate the color by 10%, you get **6B85E5**, and if you desaturate by 10%, it is **99A9E5**.

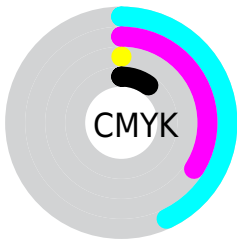
# Distribution



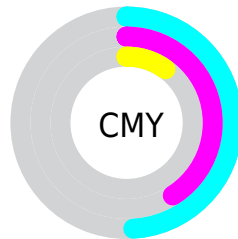
- Red (51%)
- Green (59%)
- Blue (90%)



- Red (51%)
- Yellow (58%)
- Blue (90%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (41%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8297E5 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 8297E5 by changing the saturation by 10% instead.



■ 8297E5

■ 8297E5

FFFFFF

■ 667DC9

■ BACDFF

■ 4A64AD

■ D7E9FF

■ 2C4D92

■ F5FFFF

■ 003678

■ 00225F

■ 000C47

■ 000430

■ 00011A

■ 000000

■ 8297E5

■ 8297E5

■ 6B85E5

■ 99A9E5

■ 5473E5

■ B0BBE5

■ 3D61E5

■ C7CDE5

■ 264FE5

■ DEDFE5

■ 0F3DE5

■ F5F1E5

■ 0031E5

■ FFFFE5

# Harmonies

## Analogous

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



27A4E6



8297E5



B988D0

# Triad

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



8297E5



DB8464



34AD87

# Complementary

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



8297E5



E5D082

# 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.



71A863



8297E5



C1924E

# Square

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



8297E5



E57B86



9D9F4D



00AFAF

# Rectangle

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



8297E5



D280BA



9D9F4D



4CAC7A



# Sweetspot

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



8297E5



DEE5FF



82E5D0



6B6F80



000000



808080



# Same Dimension

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



8297E5



7A97FF



9E82E5



676A73



0026B3



000B33



# Inverse Universe

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



E58297



FF7A97



C9E582



73676A



B30026

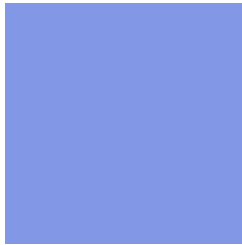


33000B



# Previews

## White Background



This preview shows how the Hex color 8297E5 looks on a white background.

## Color Contrast Check

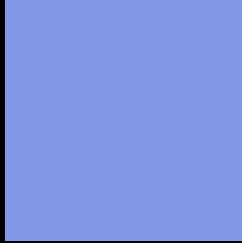
Large Text (above 18pt) WCAG AA × Fail

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 8297E5 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 8297E5 Background



This preview shows how black text looks on a background with the Hex color 8297E5.



This preview shows how white text looks on a background with the Hex color 8297E5.

# 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](#).

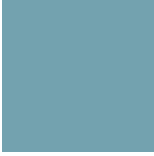
## Dichromacy



**Original Color**  
8297E5

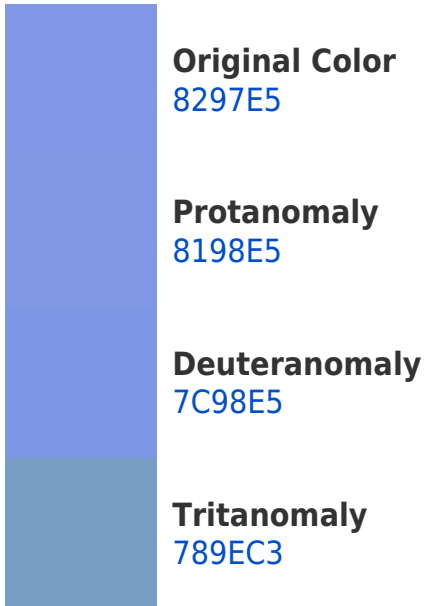
**Protanopia**  
8098E5

**Deuteranopia**  
7999E5

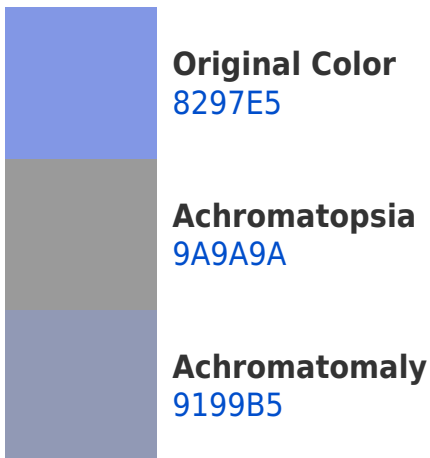


**Tritanopia**  
73A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8297E5 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 #8297E5 looks like.

```
.text, #text, p{  
    color:#8297E5  
}
```

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 #8297E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8297E5
}
```

## Border

The CSS property to change the border of an element to Hex 8297E5 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
#8297E5 }
```

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

```
.border{ border-color:#8297E5 }
```

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

Here you see how a box with a 4 pixel #8297E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8297E5; -webkit-box-shadow:4px 4px  
4px 4px #8297E5; box-shadow:4px 4px 4px  
4px #8297E5 }
```

# Background

The CSS property to change the background color of an element to Hex 8297E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8297E5 }
```

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

```
.background{ background-color:#8297E5 }
```

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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