

# Converting Colors

Hex(8293D7)

Have a look what the booklet for  
Hex(8293D7) contains.

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# **Color**

**Hex(8293D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8293D7
RGB	130, 147, 215
RGB Percent	51%, 58%, 84%
CMY	0.4902, 0.4235, 0.1569
CMYK	0.40, 0.32, 0.00, 0.16
HSL	228°, 52%, 68%
HSV	228°, 40%, 84%
XYZ	31.9054, 30.5196, 68.4992
YIQ	149.6690, -31.9600, 17.5440

# Conversions

## Conversions Part 2

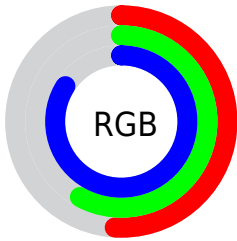
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 144, 215
Decimal	8557527
CIE <sub>Lab</sub>	62.10, 10.85, -36.72
CIE <sub>LCh</sub>	62, 38.287, 286.469
Yxy	30.5196, 0.2437, 0.2331
Android (android.graphics.Color)	4286747607 (0xFF8293D7)
YUV	149.6690, 32.2082, -17.2497
Hunter-Lab	55.2445, 6.4113, -34.8442

# Details

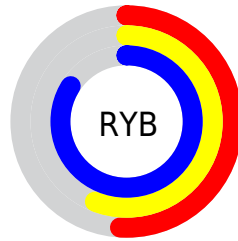
The Hex color **8293D7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7C682**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BAC9FF**, and **4C61A0** is the 20% darker color. If you saturate the color by 10%, you get **6C82D7**, and if you desaturate by 10%, it is **98A4D7**.

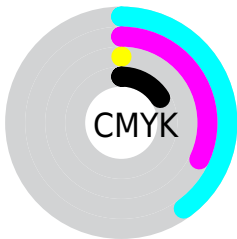
# Distribution



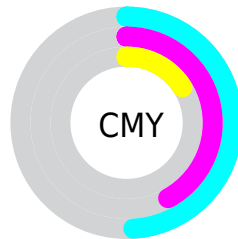
- Red (51%)
- Green (58%)
- Blue (84%)



- Red (51%)
- Yellow (56%)
- Blue (84%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (42%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8293D7 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 8293D7 by changing the saturation by 10% instead.



8293D7

8293D7

FFFFFF

6779BB

BAC9FF

4C61A0

D6E5FF

304985

F3FFFF

0F336C

001E53

00053C

000225

00010E

000000

■ 8293D7

■ 8293D7

■ 6C82D7

■ 98A4D7

■ 5771D7

■ ADB5D7

■ 415FD7

■ C3C7D7

■ 2C4ED7

■ D8D8D7

■ 163DD7

■ EEE9D7

■ 012CD7

■ FFFAD7

■ 002BD7

■ FFFFD7

# Harmonies

## Analogous

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



419ED8



8293D7



B186C5

# Triad

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



8293D7



CF8366



44A785

# Complementary

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



8293D7



D7C682

# 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.



73A266



8293D7



B98F54

# Square

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



8293D7



D87B85



999A53



00A8A8

# Rectangle

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



8293D7



C77FB2



999A53



55A67A



# Sweetspot

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



8293D7



E0E7FF



82D7C6



6E7180



000000



808080



# Same Dimension

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



8293D7



879FFF



9B82D7



60636B



0022AB



00092B



# Inverse Universe

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



D78293



FF879F



BED782



6B6063



AB0022

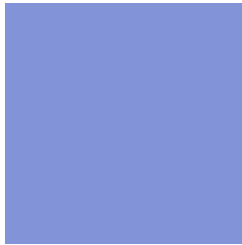


2B0009



# Previews

## White Background



This preview shows how the Hex color 8293D7 looks on a white background.

## Color Contrast Check

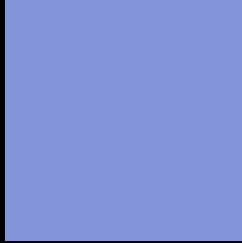
Large Text (above 18pt) WCAG AA × Fail

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 8293D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

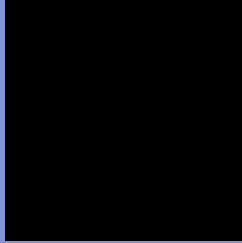
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8293D7 Background



This preview shows how black text looks on a background with the Hex color 8293D7.



This preview shows how white text looks on a background with the Hex color 8293D7.

# 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**  
8293D7

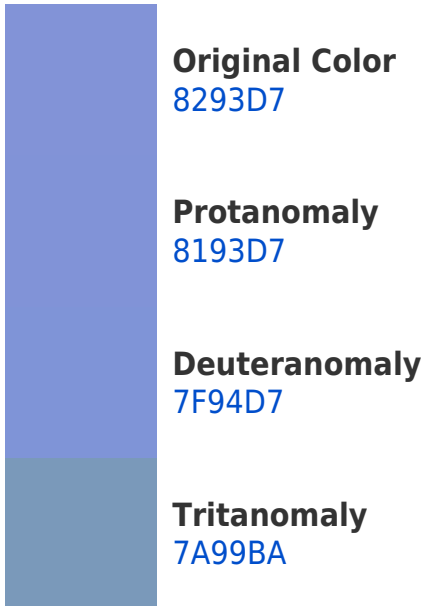
**Protanopia**  
8093D7

**Deuteranopia**  
7D94D7

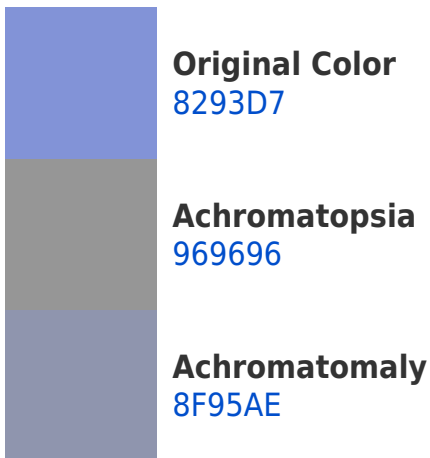


**Tritanopia**  
769CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8293D7 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 #8293D7 looks like.

```
.text, #text, p{  
    color:#8293D7  
}
```

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 #8293D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8293D7
}
```

## Border

The CSS property to change the border of an element to Hex 8293D7 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
#8293D7 }
```

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

```
.border{ border-color:#8293D7 }
```

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

Here you see how a box with a 4 pixel #8293D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8293D7; -webkit-box-shadow:4px 4px  
4px 4px #8293D7; box-shadow:4px 4px 4px  
4px #8293D7 }
```

# Background

The CSS property to change the background color of an element to Hex 8293D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8293D7 }
```

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

```
.background{ background-color:#8293D7 }
```

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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