

Converting Colors

Hex(8296D5)

Have a look what the booklet for
Hex(8296D5) contains.

Hex(8296D5)	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(8296D5)

Conversions

Conversions Part 1

Format	Color
Hex	8296D5
RGB	130, 150, 213
RGB Percent	51%, 59%, 84%
CMY	0.4902, 0.4118, 0.1647
CMYK	0.39, 0.30, 0.00, 0.16
HSL	226°, 50%, 67%
HSV	226°, 39%, 84%
XYZ	32.1225, 31.3626, 67.3113
YIQ	151.2020, -32.1430, 15.3530

Conversions

Conversions Part 2

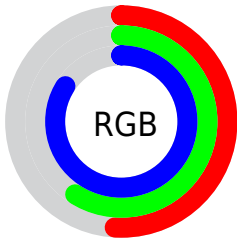
Format	Color
RYB	130, 146, 213
Decimal	8558293
CIELab	62.81, 8.57, -34.49
CIELCh	63, 35.540, 283.953
Yxy	31.3626, 0.2456, 0.2398
Android (android.graphics.Color)	4286748373 (0xFF8296D5)
YUV	151.2020, 30.4664, -18.5942
Hunter-Lab	56.0023, 4.3821, -32.0613

Details

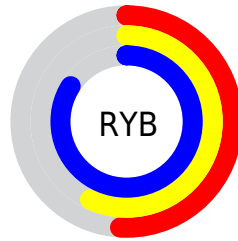
The Hex color **8296D5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5C182**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B9CCFF**, and **4C639E** is the 20% darker color. If you saturate the color by 10%, you get **6D86D5**, and if you desaturate by 10%, it is **97A6D5**.

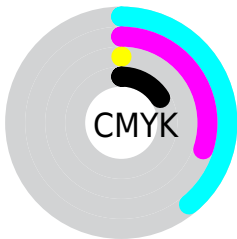
Distribution



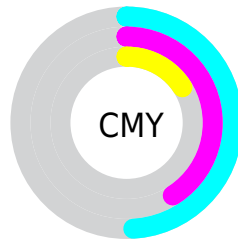
- Red (51%)
- Green (59%)
- Blue (84%)



- Red (51%)
- Yellow (57%)
- Blue (84%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8296D5 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 8296D5 by changing the saturation by 10% instead.

 8296D5

 8296D5


FFFFFF

 677CB9


 B9CCFF

 4C639E

 D6E8FF

 314C84

 F3FFFF

 11356A

 002152

 00093A

 000224

 00000C

 000000

 8296D5

 8296D5

 6D86D5

 97A6D5

 5776D5

 ADB6D5

 4265D5

 C2C7D5

 2D55D5

 D7D7D5

 1745D5

 ECE7D5

 0235D5

 FFF7D5

 0033D5

 FFFF5D5

Harmonies

Analogous

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



4AA0D4



8296D5



AE8AC6

Triad

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



8296D5



CF866E



52A885

Complementary

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



8296D5



D5C182

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.



7BA369



8296D5



BB905B

Square

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



8296D5



D67F8A



9E9B5A



1FA9A6

Rectangle

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



8296D5



C384B4



9E9B5A



60A67B

Sweetspot

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



8296D5



E0E8FF



82D5C0



6E7280



000000



808080

Same Dimension

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



8296D5



87A4FF



9782D5



60636B



0029AB



000A2B

Inverse Universe

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



D58296



FF87A4



C0D582



6B6063



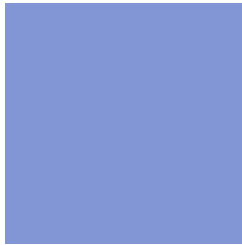
AB0029



2B000A

Previews

White Background



This preview shows how the Hex color 8296D5 looks on a white background.

Color Contrast Check

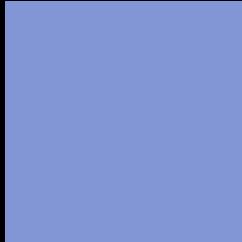
Large Text (above 18pt) WCAG AA × Fail

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 8296D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

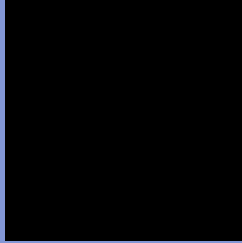
Any Text WCAG AA ✓ Pass

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 8296D5 Background



This preview shows how black text looks on a background with the Hex color 8296D5.



This preview shows how white text looks on a background with the Hex color 8296D5.

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
8296D5

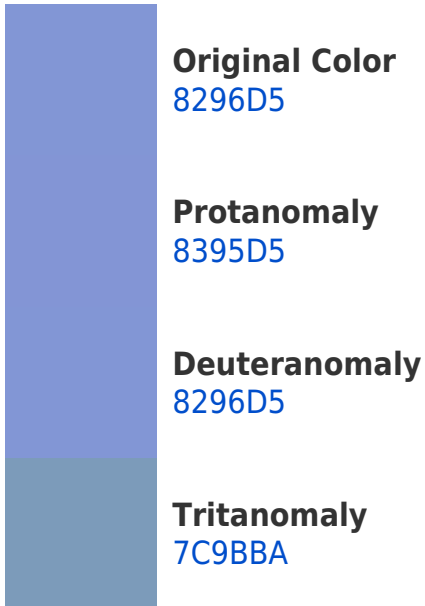
Protanopia
8495D5

Deuteranopia
8296D5

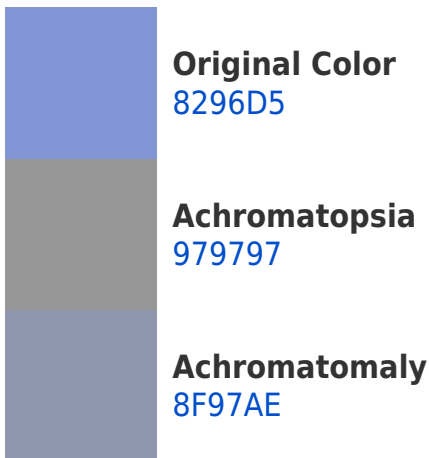


Tritanopia
789EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8296D5 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 #8296D5 looks like.

```
.text, #text, p{  
    color:#8296D5  
}
```

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 #8296D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8296D5
}
```

Border

The CSS property to change the border of an element to Hex 8296D5 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
#8296D5 }
```

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

```
.border{ border-color:#8296D5 }
```

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

Here you see how a box with a 4 pixel #8296D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8296D5; -webkit-box-shadow:4px 4px  
4px 4px #8296D5; box-shadow:4px 4px 4px  
4px #8296D5 }
```

Background

The CSS property to change the background color of an element to Hex 8296D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8296D5 }
```

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

```
.background{ background-color:#8296D5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor