

# Converting Colors

Hex(7D8BD4)

Have a look what the booklet for  
Hex(7D8BD4) contains.

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# Color

**Hex(7D8BD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8BD4
RGB	125, 139, 212
RGB Percent	49%, 55%, 83%
CMY	0.5098, 0.4549, 0.1686
CMYK	0.41, 0.34, 0.00, 0.17
HSL	230°, 50%, 66%
HSV	230°, 41%, 83%
XYZ	29.5737, 27.5787, 66.0519
YIQ	143.1360, -31.7770, 19.7350

# Conversions

## Conversions Part 2

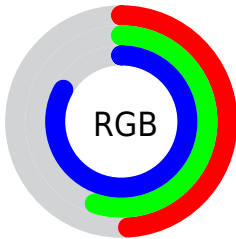
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 137, 212
Decimal	8227796
CIE <sub>Lab</sub>	59.51, 13.35, -39.12
CIE <sub>LCh</sub>	60, 41.339, 288.848
Yxy	27.5787, 0.2400, 0.2238
Android (android.graphics.Color)	4286417876 (0xFF7D8BD4)
YUV	143.1360, 33.9500, -15.9053
Hunter-Lab	52.5154, 8.6192, -37.8119

# Details

The Hex color **7D8BD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4C67D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B5C0FF**, and **47599D** is the 20% darker color. If you saturate the color by 10%, you get **6879D4**, and if you desaturate by 10%, it is **929DD4**.

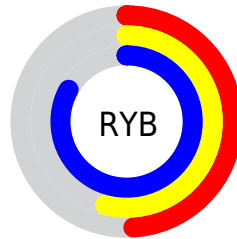
# Distribution



Red (49%)

Green (55%)

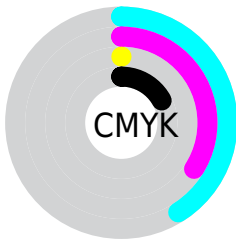
Blue (83%)



Red (49%)

Yellow (54%)

Blue (83%)

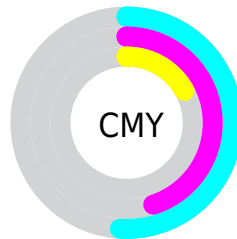


Cyan (41%)

Magenta (34%)

Yellow (0%)

Black (17%)



Cyan (51%)

Magenta (45%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8BD4 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 7D8BD4 by changing the saturation by 10% instead.



 7D8BD4

 7D8BD4

FFFFFF

 6272B8

 B5C0FF

 47599D

 D1DCFF

 2A4283

 EE99FF

 032C69

 001850

 000039

 000223

 000009

 000000

 7D8BD4

 7D8BD4

 6879D4

 929DD4

 5367D4

 A7AFD4

 3D56D4

 BDC0D4

 2844D4

 D2D2D4

 1332D4

 E7E4D4

 0022D4

 FCF6D4

 FFFFD4

# Harmonies

## Analogous

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



2D97D6



7D8BD4



AF7DBF

# Triad

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



7D8BD4



CA7B5A



29A180

# Complementary

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



7D8BD4



D4C67D

# 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.



659D5E



7D8BD4



B18947

# Square

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



7D8BD4



D5727A



8F9448



00A2A6

# Rectangle

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



7D8BD4



C575AA



8F9448



42A074



# Sweetspot

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



7D8BD4



E0E5FF



7DD4C5



6E7180



000000



808080



# Same Dimension

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



7D8BD4



8296FF



9A7DD4



60626B



001BAB



00072B



# Inverse Universe

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



D47D8B



FF8296



B7D47D



6B6062



AB001B

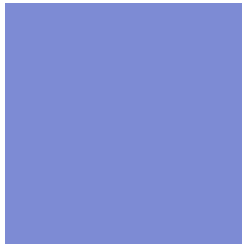


2B0007



# Previews

## White Background



This preview shows how the Hex color 7D8BD4 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



This preview shows how the Hex color 7D8BD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

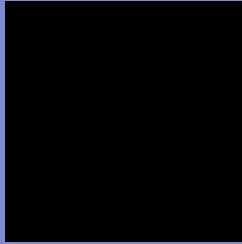
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D8BD4 Background



This preview shows how black text looks on a background with the Hex color 7D8BD4.



This preview shows how white text looks on a background with the Hex color 7D8BD4.

# 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**  
7D8BD4

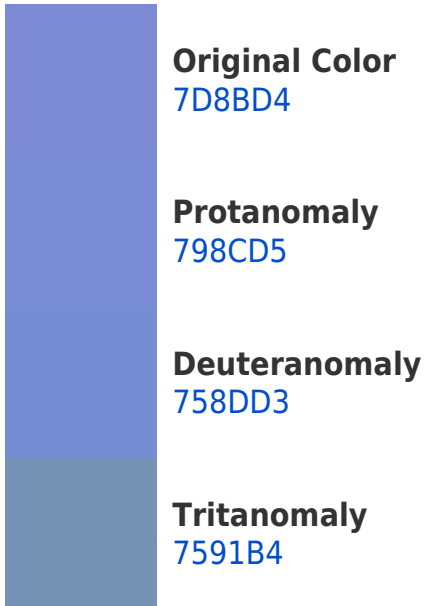
**Protanopia**  
768DD5

**Deuteranopia**  
718ED3



**Tritanopia**  
7095A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8BD4 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 #7D8BD4 looks like.

```
.text, #text, p{  
    color:#7D8BD4  
}
```

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 #7D8BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8BD4
}
```

## Border

The CSS property to change the border of an element to Hex 7D8BD4 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
#7D8BD4 }
```

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

```
.border{ border-color:#7D8BD4 }
```

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

Here you see how a box with a 4 pixel #7D8BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8BD4; -webkit-box-shadow:4px 4px  
4px 4px #7D8BD4; box-shadow:4px 4px 4px  
4px #7D8BD4 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8BD4 }
```

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

```
.background{ background-color:#7D8BD4 }
```

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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