

# Converting Colors

Hex(7D90D3)

Have a look what the booklet for  
Hex(7D90D3) contains.

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# **Color**

**Hex(7D90D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D90D3
RGB	125, 144, 211
RGB Percent	49%, 56%, 83%
CMY	0.5098, 0.4353, 0.1725
CMYK	0.41, 0.32, 0.00, 0.17
HSL	227°, 49%, 66%
HSV	227°, 41%, 83%
XYZ	30.1886, 29.0096, 65.6363
YIQ	145.9570, -32.8310, 16.8090

# Conversions

## Conversions Part 2

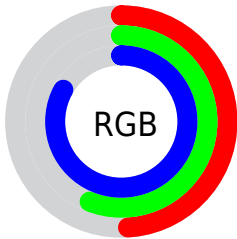
Format	Color
<a href="#">RYB</a>	<a href="#">125, 141, 211</a>
Decimal	<a href="#">8229075</a>
CIELab	<a href="#">60.79, 10.15, -36.55</a>
CIElCh	<a href="#">61, 37.937, 285.522</a>
Yxy	<a href="#">29.0096, 0.2418, 0.2324</a>
Android (android.graphics.Color)	<a href="#">4286419155</a> ( <a href="#">0xFF7D90D3</a> )
YUV	<a href="#">145.9570, 32.0662, -18.3793</a>
Hunter-Lab	<a href="#">53.8606, 5.7923, -34.5504</a>

# Details

The Hex color **7D90D3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D3C07D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B4C6FF**, and **475E9C** is the 20% darker color. If you saturate the color by 10%, you get **6880D3**, and if you desaturate by 10%, it is **92A0D3**.

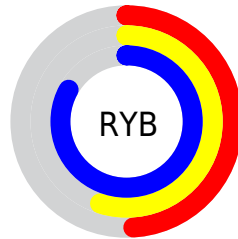
# Distribution



Red (49%)

Green (56%)

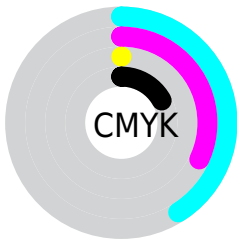
Blue (83%)



Red (49%)

Yellow (55%)

Blue (83%)

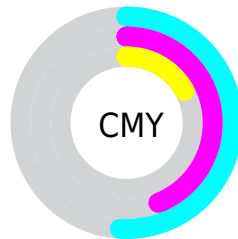


Cyan (41%)

Magenta (32%)

Yellow (0%)

Black (17%)



Cyan (51%)

Magenta (44%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D90D3 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 7D90D3 by changing the saturation by 10% instead.



 7D90D3

 7D90D3

FFFFFF

 6276B7

 B4C6FF

 475E9C

 D1E2FF

 2B4782

 EEFEFF

 053068

 001C50

 000039

 000222

 000008

 000000

■ 7D90D3

■ 7D90D3

■ 6880D3

■ 92A0D3

■ 536FD3

■ A7B1D3

■ 3E5FD3

■ BCC1D3

■ 294ED3

■ D1D2D3

■ 143ED3

■ E6E2D3

■ 002FD3

■ FCF3D3

■ FFFFD3

# Harmonies

## Analogous

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



3C9BD3



7D90D3



AC83C2

# Triad

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



7D90D3



CC7F64



43A381

# Complementary

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



7D90D3



D3C07D

# 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.



719E62



7D90D3



B68B52

# Square

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



7D90D3



D37882



979651



00A4A3

# Rectangle

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



7D90D3



C27CAF



979651



54A276



# Sweetspot

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



7D90D3



E0E7FF



7DD3BF



6E7280



000000



808080



# Same Dimension

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



7D90D3



829EFF



947DD3



5E6069



0025A8



000929



# Inverse Universe

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



D37D90



FF829E



BCD37D



695E60



A80025

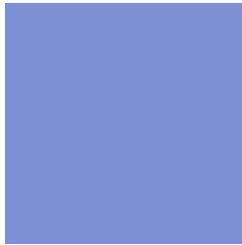


290009



# Previews

## White Background



This preview shows how the Hex color 7D90D3 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 7D90D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

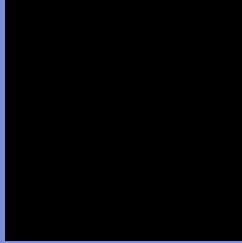
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D90D3 Background



This preview shows how black text looks on a background with the Hex color 7D90D3.



This preview shows how white text looks on a background with the Hex color 7D90D3.

# 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**  
7D90D3

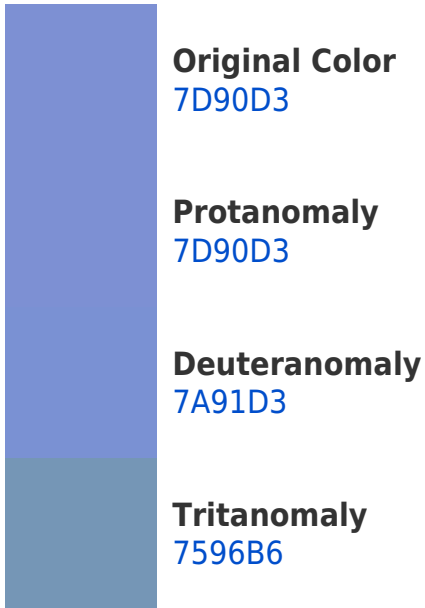
**Protanopia**  
7D90D3

**Deuteranopia**  
7991D3

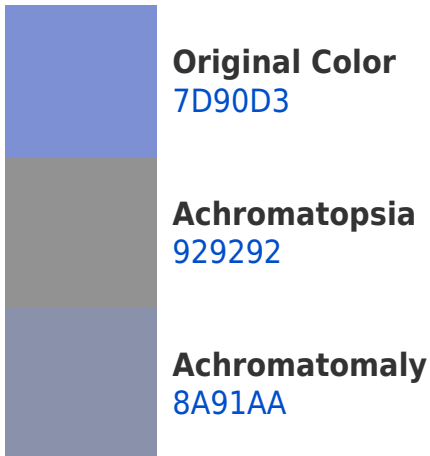


**Tritanopia**  
7199A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D90D3 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 #7D90D3 looks like.

```
.text, #text, p{  
    color:#7D90D3  
}
```

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 #7D90D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D90D3
}
```

## Border

The CSS property to change the border of an element to Hex 7D90D3 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
#7D90D3 }
```

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

```
.border{ border-color:#7D90D3 }
```

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

Here you see how a box with a 4 pixel #7D90D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D90D3; -webkit-box-shadow:4px 4px  
4px 4px #7D90D3; box-shadow:4px 4px 4px  
4px #7D90D3 }
```

# Background

The CSS property to change the background color of an element to Hex 7D90D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D90D3 }
```

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

```
.background{ background-color:#7D90D3 }
```

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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