

# Converting Colors

Hex(7DA2C3)

Have a look what the booklet for  
Hex(7DA2C3) contains.

<b>Hex(7DA2C3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7DA2C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DA2C3
RGB	125, 162, 195
RGB Percent	49%, 64%, 76%
CMY	0.5098, 0.3647, 0.2353
CMYK	0.36, 0.17, 0.00, 0.24
HSL	208°, 37%, 63%
HSV	208°, 36%, 76%
XYZ	31.2281, 34.1408, 56.5737
YIQ	154.6990, -32.6450, 2.4190

# Conversions

## Conversions Part 2

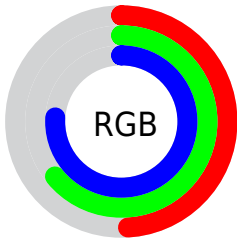
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	125, 149, 195
Decimal	8233667
CIE Lab	65.07, -4.44, -21.00
CIE LCh	65, 21.467, 258.059
Yxy	34.1408, 0.2561, 0.2800
Android (android.graphics.Color)	4286423747 (0xFF7DA2C3)
YUV	154.6990, 19.8684, -26.0460
Hunter-Lab	58.4301, -6.8529, -16.5052

# Details

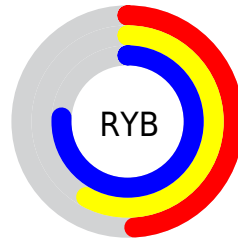
The Hex color **7DA2C3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C39E7D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B4D9FC**, and **496E8D** is the 20% darker color. If you saturate the color by 10%, you get **6A99C3**, and if you desaturate by 10%, it is **91ABC3**.

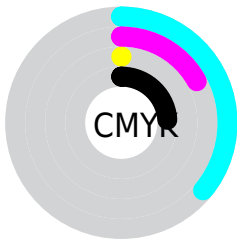
# Distribution



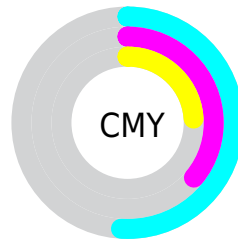
- Red (49%)
- Green (64%)
- Blue (76%)



- Red (49%)
- Yellow (58%)
- Blue (76%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (36%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DA2C3 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 7DA2C3 by changing the saturation by 10% instead.



 7DA2C3

 7DA2C3

FFFFFF

 6388A8

 B4D9FC

 496E8D

 D0F5FF

 2F5674

 ECFFFF

 123F5B

 002943

 00152D

 000118

 000000

 7DA2C3

 7DA2C3

■ 6A99C3

■ 91ABC3

■ 5690C3

■ A4B4C3

■ 4386C3

■ B7BEC3

■ 2F7DC3

■ CBC7C3

■ 1B74C3

■ DED0C3

■ 086BC3

■ F2D9C3

■ 0067C3

■ FFE2C3

■ FFECC3

■ FFF5C3

# Harmonies

## Analogous

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



6BA7BA



7DA2C3



979CC2

# Triad

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



7DA2C3



C69093



8AA584

# Complementary

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



7DA2C3



C39E7D

# 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.



A0A079



7DA2C3



C19482

# Square

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



7DA2C3



C091A6



B49A79



76A895

# Rectangle

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



7DA2C3



A897BC



B49A79



92A47F

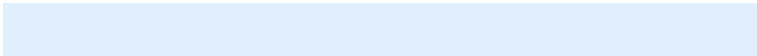


# Sweetspot

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



7DA2C3



E1EFC



7DC39E



6F7880



000000



808080

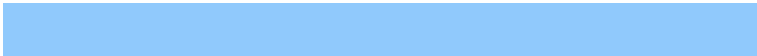


# Same Dimension

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



7DA2C3



90C9FC



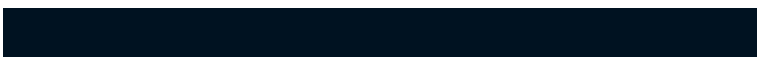
7D7FC3



575C61



0055A1



001221



# Inverse Universe

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



C37DA2



FC90C9



C3C17D



61575C



A10055

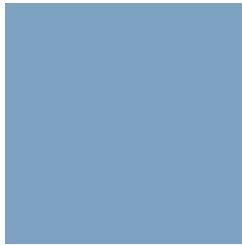


210012



# Previews

## White Background



This preview shows how the Hex color 7DA2C3 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 7DA2C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

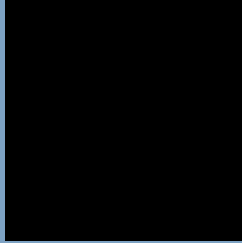
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

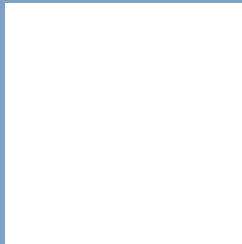
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7DA2C3 Background



This preview shows how black text looks on a background with the Hex color 7DA2C3.

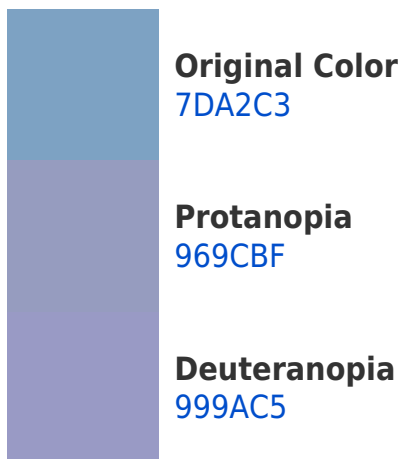


This preview shows how white text looks on a background with the Hex color 7DA2C3.

# 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](#).

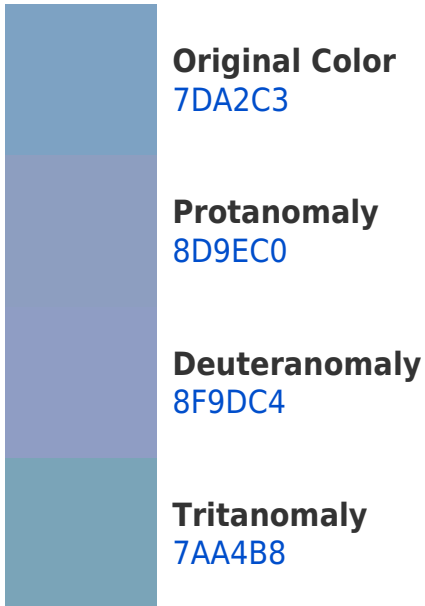
## Dichromacy



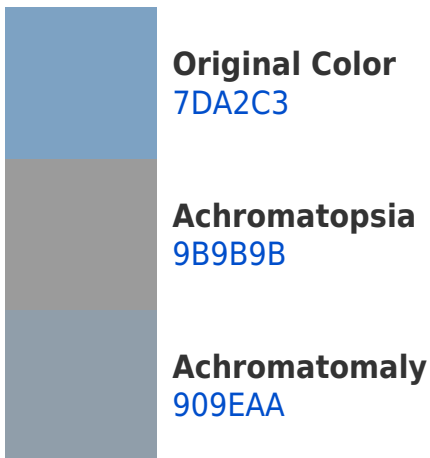


**Tritanopia**  
79A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DA2C3 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 #7DA2C3 looks like.

```
.text, #text, p{  
    color:#7DA2C3  
}
```

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 #7DA2C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA2C3
}
```

## Border

The CSS property to change the border of an element to Hex 7DA2C3 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
#7DA2C3 }
```

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

```
.border{ border-color:#7DA2C3 }
```

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

Here you see how a box with a 4 pixel #7DA2C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA2C3; -webkit-box-shadow:4px 4px  
4px 4px #7DA2C3; box-shadow:4px 4px 4px  
4px #7DA2C3 }
```

# Background

The CSS property to change the background color of an element to Hex 7DA2C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA2C3 }
```

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

```
.background{ background-color:#7DA2C3 }
```

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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