

# Converting Colors

Hex(7DA2B5)

Have a look what the booklet for  
Hex(7DA2B5) contains.

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# Color

**Hex(7DA2B5)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7DA2B5
RGB	125, 162, 181
RGB Percent	49%, 64%, 71%
CMY	0.5098, 0.3647, 0.2902
CMYK	0.31, 0.10, 0.00, 0.29
HSL	200°, 27%, 60%
HSV	200°, 31%, 71%
XYZ	29.7183, 33.5368, 48.6230
YIQ	153.1030, -28.1510, -1.9350

# Conversions

## Conversions Part 2

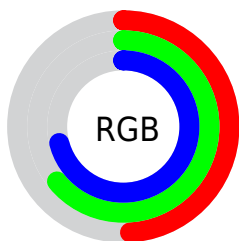
Format	Color
<a href="#">RYB</a>	<a href="#">125, 147, 181</a>
Decimal	<a href="#">8233653</a>
CIELab	<a href="#">64.59, -8.02, -13.92</a>
CIELCh	<a href="#">65, 16.063, 240.042</a>
Yxy	<a href="#">33.5368, 0.2656, 0.2998</a>
Android (android.graphics.Color)	<a href="#">4286423733</a> (0xFF7DA2B5)
YUV	<a href="#">153.1030, 13.7532, -24.6463</a>
Hunter-Lab	<a href="#">57.9110, -9.7431, -9.2431</a>

# Details

The Hex color **7DA2B5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B5907D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B3D9ED**, and **4A6E80** is the 20% darker color. If you saturate the color by 10%, you get **6B9CB5**, and if you desaturate by 10%, it is **8FA8B5**.

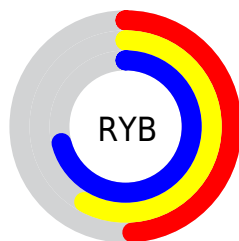
# Distribution



Red (49%)

Green (64%)

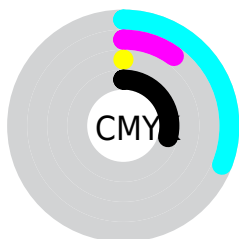
Blue (71%)



Red (49%)

Yellow (58%)

Blue (71%)

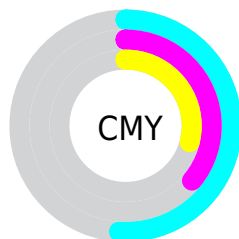


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (36%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DA2B5 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 7DA2B5 by changing the saturation by 10% instead.



 7DA2B5

 7DA2B5


FFFFFF

 63889A

 B3D9ED

 4A6E80

 CFF5FF

 315667

 ECFFFF

 173F4F

 002938

 001523

 00000B

 000000

 7DA2B5

 7DA2B5

 6B9CB5 8FA8B5 5996B5 A1AEB5 4790B5 B3B4B5 3589B5 C5BBB5 2383B5 D8C1B5 107DB5 EAC7B5 0078B5 FCCDB5 FFD3B5 FFD9B5

# Harmonies

## Analogous

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



76A5AA



7DA2B5



8D9EB9

# Triad

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



7DA2B5



B9939D



98A084

# Complementary

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



7DA2B5



B5907D

# 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.



A89C80



7DA2B5



BB948F

# Square

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



7DA2B5



AF95AB



B49784



88A38E

# Rectangle

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



7DA2B5



999BB7



B49784



9E9F82



# Sweetspot

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



7DA2B5



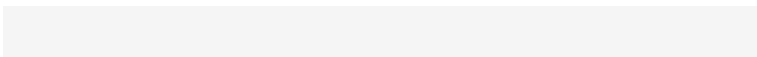
D5E3EB



7DB590



687175



F5F5F5



757575



# Same Dimension

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



7DA2B5



94CDEB



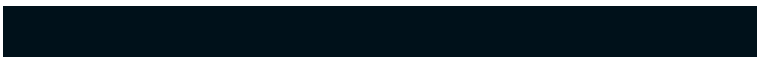
7D86B5



505659



006599



00111A



# Inverse Universe

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



B57DA2



EB94CD



B5AC7D



595056



990065



1A0011



# Previews

## White Background



This preview shows how the Hex color 7DA2B5 looks on a white background.

## Color Contrast Check

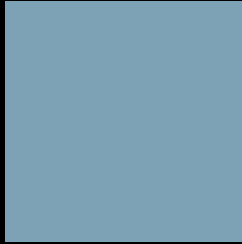
Large Text (above 18pt) WCAG AA × Fail

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 7DA2B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

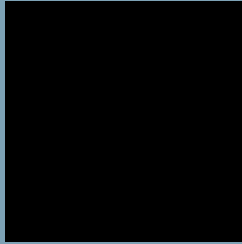
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DA2B5 Background



This preview shows how black text looks on a background with the Hex color 7DA2B5.



This preview shows how white text looks on a background with the Hex color 7DA2B5.

# 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**  
7DA2B5





**Protanopia**  
999BB0

**Deuteranopia**  
9E98B7


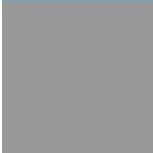



**Tritanopia**  
7CA3B0

# Trichromacy

	<b>Original Color</b> 7DA2B5
	<b>Protanomaly</b> 8F9EB2
	<b>Deuteranomaly</b> 929CB6
	<b>Tritanomaly</b> 7CA3B2

# Monochromacy

	<b>Original Color</b> 7DA2B5
	<b>Achromatopsia</b> 999999
	<b>Achromatomaly</b> 8F9CA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DA2B5 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 #7DA2B5 looks like.

```
.text, #text, p{  
    color:#7DA2B5  
}
```

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 #7DA2B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA2B5
}
```

## Border

The CSS property to change the border of an element to Hex 7DA2B5 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
#7DA2B5 }
```

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

```
.border{ border-color:#7DA2B5 }
```

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

Here you see how a box with a 4 pixel #7DA2B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA2B5; -webkit-box-shadow:4px 4px  
4px 4px #7DA2B5; box-shadow:4px 4px 4px  
4px #7DA2B5 }
```

# Background

The CSS property to change the background color of an element to Hex 7DA2B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA2B5 }
```

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

```
.background{ background-color:#7DA2B5 }
```

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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