

Converting Colors

Hex(2D7B94)

Have a look what the booklet for
Hex(2D7B94) contains.

Hex(2D7B94)	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(2D7B94)

Conversions

Conversions Part 1

Format	Color
Hex	2D7B94
RGB	45, 123, 148
RGB Percent	18%, 48%, 58%
CMY	0.8235, 0.5176, 0.4196
CMYK	0.70, 0.17, 0.00, 0.42
HSL	195°, 53%, 38%
HSV	195°, 70%, 58%
XYZ	13.5104, 16.8619, 30.5596
YIQ	102.5280, -54.5130, -8.7610

Conversions

Conversions Part 2

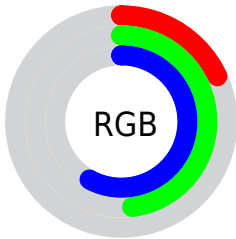
Format	Color
RYB	45, 89, 148
Decimal	2980756
CIELab	48.09, -15.29, -20.45
CIELCh	48, 25.535, 233.225
Yxy	16.8619, 0.2217, 0.2767
Android (android.graphics.Color)	4281170836 (0xFF2D7B94)
YUV	102.5280, 22.4177, -50.4521
Hunter-Lab	41.0633, -13.1315, -15.3797

Details

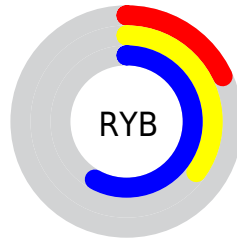
The Hex color **2D7B94** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **94462D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **68B0CA**, and **004A61** is the 20% darker color. If you saturate the color by 10%, you get **1E7794**, and if you desaturate by 10%, it is **3C7F94**.

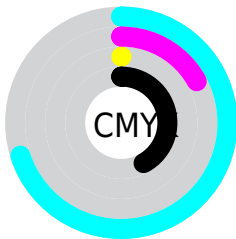
Distribution



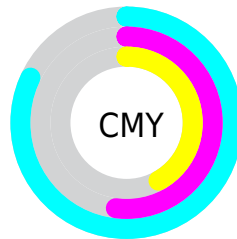
- Red (18%)
- Green (48%)
- Blue (58%)



- Red (18%)
- Yellow (35%)
- Blue (58%)



- Cyan (70%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7B94 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 2D7B94 by changing the saturation by 10% instead.

■ 2D7B94

■ 2D7B94

FFFFFF

■ 00627A

■ 68B0CA

■ 004A61

■ 84CBE6

■ 003349

■ A0E7FF

■ 001F33

■ BDFFFF

■ 00021E

■ DAFFFF

■ 000000

■ F7FFFF

■ 2D7B94

■ 2D7B94

■ 1E7794

■ 3C7F94

0F7494

4B8294

017094

598694

007094

688994

778D94

869194

959494

A39894

B29B94

Harmonies

Analogous

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



267E82



2D7B94



4C769D

Triad

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



2D7B94



996278



70764A

Complementary

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



2D7B94



94462D

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.



856F47



2D7B94



9D6362

Square

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



2D7B94



89678C



956850



577B58

Rectangle

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



2D7B94



63719C



956850



777448

Sweetspot

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



2D7B94



97B6BF



2D9445



495B61



E0E0E0



616161

Same Dimension

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



2D7B94



1F98BF



2D4894



43484A



00688A



00080A

Inverse Universe

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



942D7B



BF1F98



94792D



4A4348



8A0068



0A0008

Previews

White Background



This preview shows how the Hex color 2D7B94 looks on a white background.

Color Contrast Check

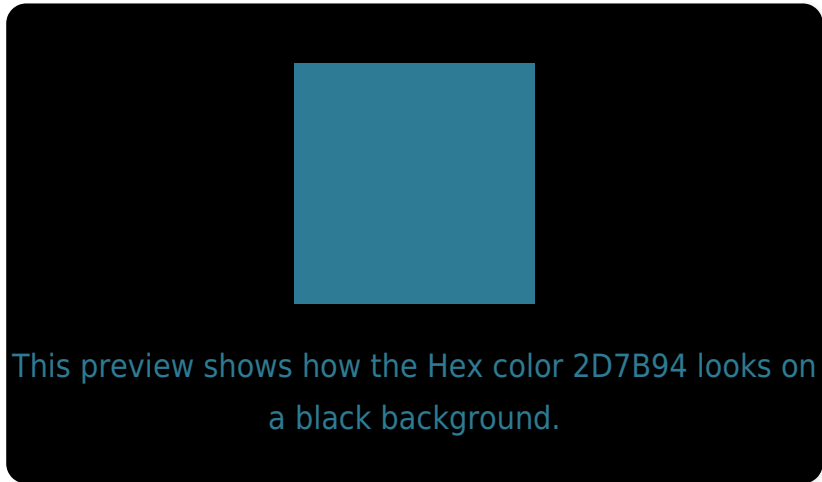
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

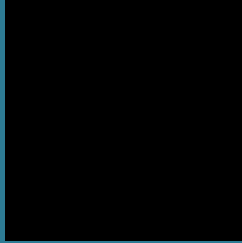
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2D7B94 Background



This preview shows how black text looks on a background with the Hex color 2D7B94.

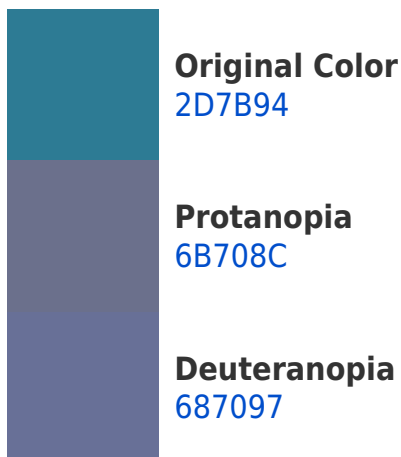


This preview shows how white text looks on a background with the Hex color 2D7B94.

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
257D87

Trichromacy



Original Color
2D7B94

Protanomaly
54748F

Deuteranomaly
537496

Tritanomaly
287C8C

Monochromacy



Original Color
2D7B94

Achromatopsia
676767

Achromatomaly
526E77

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7B94 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 #2D7B94 looks like.

```
.text, #text, p{  
    color:#2D7B94  
}
```

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 #2D7B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7B94
}
```

Border

The CSS property to change the border of an element to Hex 2D7B94 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
#2D7B94 }
```

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

```
.border{ border-color:#2D7B94 }
```

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

Here you see how a box with a 4 pixel #2D7B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7B94; -webkit-box-shadow:4px 4px  
4px 4px #2D7B94; box-shadow:4px 4px 4px  
4px #2D7B94 }
```

Background

The CSS property to change the background color of an element to Hex 2D7B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7B94 }
```

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

```
.background{ background-color:#2D7B94 }
```

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