

Converting Colors

Hex(2C7994)

Have a look what the booklet for
Hex(2C7994) contains.

Hex(2C7994)	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(2C7994)

Conversions

Conversions Part 1

Format	Color
Hex	2C7994
RGB	44, 121, 148
RGB Percent	17%, 47%, 58%
CMY	0.8275, 0.5255, 0.4196
CMYK	0.70, 0.18, 0.00, 0.42
HSL	196°, 54%, 38%
HSV	196°, 70%, 58%
XYZ	13.2214, 16.3483, 30.4757
YIQ	101.0550, -54.5590, -7.9270

Conversions

Conversions Part 2

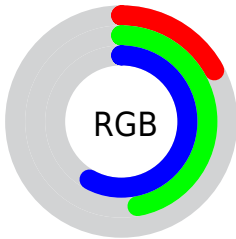
Format	Color
R_{YB}	44, 88, 148
Decimal	2914708
CIE _{Lab}	47.43, -14.33, -21.47
CIE _{LCh}	47, 25.810, 236.279
Yxy	16.3483, 0.2202, 0.2723
Android (android.graphics.Color)	4281104788 (0xFF2C7994)
YUV	101.0550, 23.1439, -50.0372
Hunter-Lab	40.4331, -12.3894, -16.3856

Details

The Hex color **2C7994** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **94472C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **67ADCA**, and **004861** is the 20% darker color. If you saturate the color by 10%, you get **1D7594**, and if you desaturate by 10%, it is **3B7D94**.

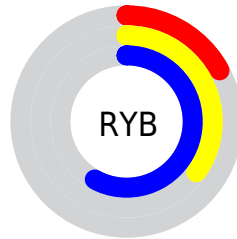
Distribution



Red (17%)

Green (47%)

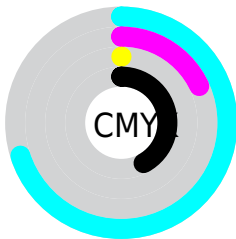
Blue (58%)



Red (17%)

Yellow (35%)

Blue (58%)

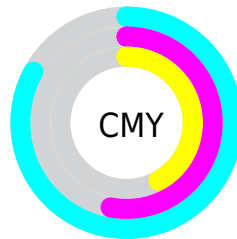


Cyan (70%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (83%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7994 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 2C7994 by changing the saturation by 10% instead.

 2C7994

 2C7994

FFFFFF

 00607A

 67ADCA

 004861

 83C9E6

 003249

 9FE5FF

 001D33

 BCFFFF

 00021E

 D9FFFF

 000000

 F7FFFF

 2C7994

 2C7994

 1D7594

 3B7D94

0E7194

4A8194

006E94

588594

678894

768C94

859094

949494

A29894

B19C94

Harmonies

Analogous

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



217C83



2C7994



4E739B

Triad

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



2C7994



986074



6B7549

Complementary

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



2C7994



94472C

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.



826E45



2C7994



9B615E

Square

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



2C7994



896489



92674D



527A58

Rectangle

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



2C7994



656F9A



92674D



737346

Sweetspot

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



2C7994



97B5BF



2C9446



495B61



E0E0E0



616161

Same Dimension

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



2C7994



1F96BF



2C4694



43484A



00668A



00080A

Inverse Universe

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



942C79



BF1F96



947A2C



4A4348



8A0066



0A0008

Previews

White Background



This preview shows how the Hex color 2C7994 looks on a white background.

Color Contrast Check

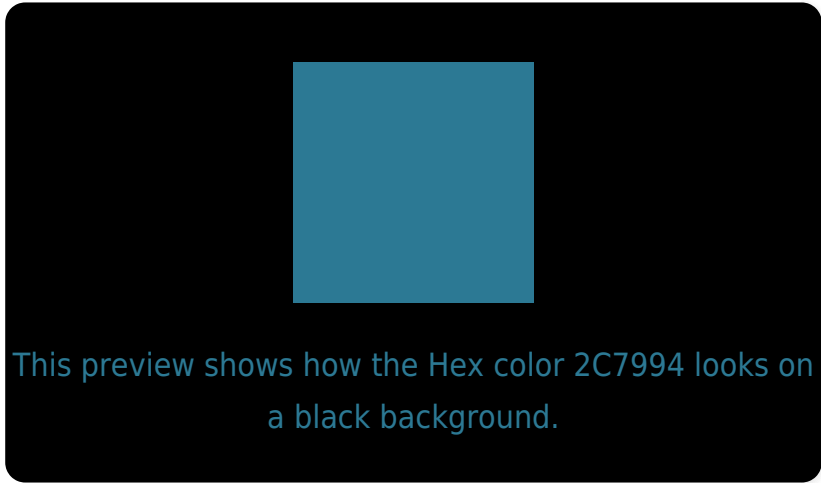
Large Text (above 18pt) WCAG AA ✓ Pass

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

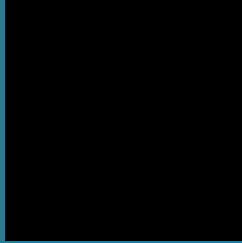
Any Text WCAG AA × Fail

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 2C7994 Background



This preview shows how black text looks on a background with the Hex color 2C7994.

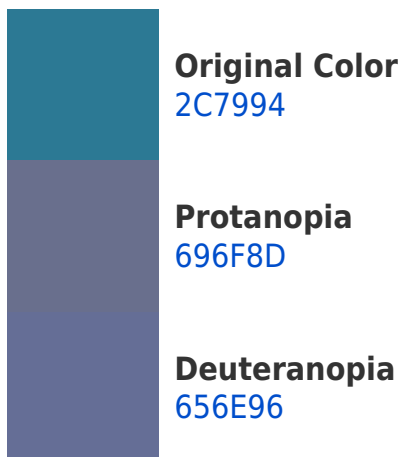


This preview shows how white text looks on a background with the Hex color 2C7994.

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](#).

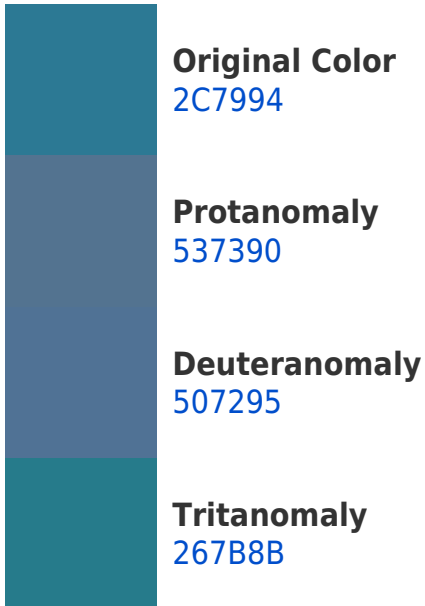
Dichromacy





Tritanopia
227C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7994 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 #2C7994 looks like.

```
.text, #text, p{  
    color:#2C7994  
}
```

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 #2C7994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7994
}
```

Border

The CSS property to change the border of an element to Hex 2C7994 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
#2C7994 }
```

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

```
.border{ border-color:#2C7994 }
```

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

Here you see how a box with a 4 pixel #2C7994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7994; -webkit-box-shadow:4px 4px  
4px 4px #2C7994; box-shadow:4px 4px 4px  
4px #2C7994 }
```

Background

The CSS property to change the background color of an element to Hex 2C7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7994 }
```

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

```
.background{ background-color:#2C7994 }
```

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