

Converting Colors

Hex(2E7C99)

Have a look what the booklet for
Hex(2E7C99) contains.

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Color

Hex(2E7C99)

Conversions

Conversions Part 1

Format	Color
Hex	2E7C99
RGB	46, 124, 153
RGB Percent	18%, 49%, 60%
CMY	0.8196, 0.5137, 0.4000
CMYK	0.70, 0.19, 0.00, 0.40
HSL	196°, 54%, 39%
HSV	196°, 70%, 60%
XYZ	14.0841, 17.2961, 32.7332
YIQ	103.9840, -55.7970, -7.5170

Conversions

Conversions Part 2

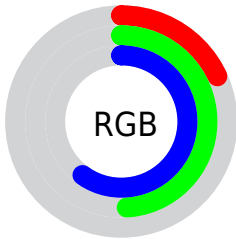
Format	Color
R_{YB}	46, 91, 153
Decimal	3046553
CIE _{Lab}	48.63, -14.00, -22.55
CIE _{LCh}	49, 26.538, 238.172
Yxy	17.2961, 0.2197, 0.2698
Android (android.graphics.Color)	4281236633 (0xFF2E7C99)
YUV	103.9840, 24.1649, -50.8520
Hunter-Lab	41.5885, -12.3301, -17.5535

Details

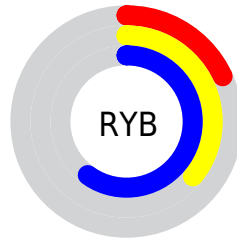
The Hex color **2E7C99** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **994B2E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **69B1CF**, and **004B66** is the 20% darker color. If you saturate the color by 10%, you get **1F7899**, and if you desaturate by 10%, it is **3D8099**.

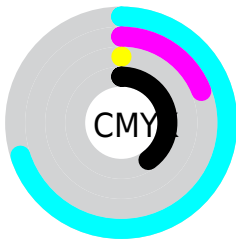
Distribution



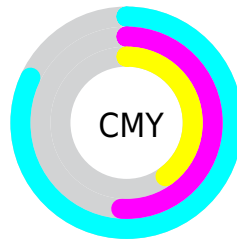
- Red (18%)
- Green (49%)
- Blue (60%)



- Red (18%)
- Yellow (36%)
- Blue (60%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7C99 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 2E7C99 by changing the saturation by 10% instead.

■ 2E7C99

■ 2E7C99

FFFFFF

■ 00637F

■ 69B1CF

■ 004B66

■ 86CCEC

■ 00344E

■ A2E8FF

■ 001F37

■ BFFFFFF

■ 000222

■ DCFFFF

■ 000007

■ F9FFFF

■ 000000

■ 2E7C99

■ 2E7C99

■ 1F7899

■ 3D8099

0F7499

4D8499

007099

5C8899

6B8D99

7B9199

8A9599

999999

A89D99

B8A199

Harmonies

Analogous

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



207F88



2E7C99



5276A0

Triad

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



2E7C99



9D6276



6D794B

Complementary

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



2E7C99



994B2E

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.



847246



2E7C99



9F645F

Square

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



2E7C99



8F678B



966A4E



527D5B

Rectangle

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



2E7C99



69719E



966A4E



757648

Sweetspot

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



2E7C99



9DBCC7



2E994B



4B5D63



E3E3E3



636363

Same Dimension

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



2E7C99



209AC7



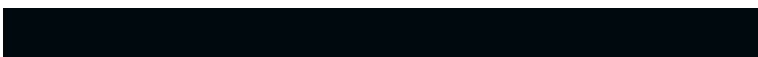
2E4799



454A4D



00668C



00090D

Inverse Universe

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



992E7C



C7209A



99802E



4D454A



8C0066



0D0009

Previews

White Background



This preview shows how the Hex color 2E7C99 looks on a white background.

Color Contrast Check

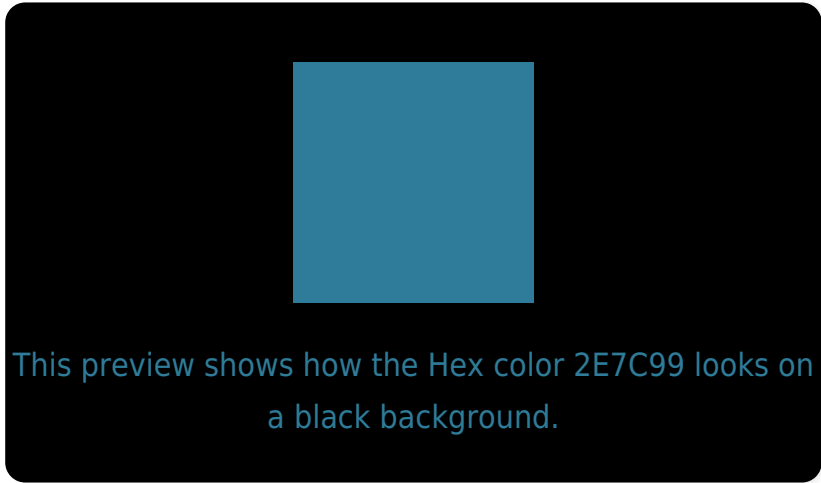
Large Text (above 18pt) WCAG AA ✓ Pass

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

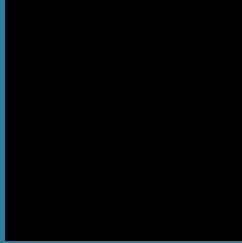
Any Text WCAG AA × Fail

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 2E7C99 Background



This preview shows how black text looks on a background with the Hex color 2E7C99.

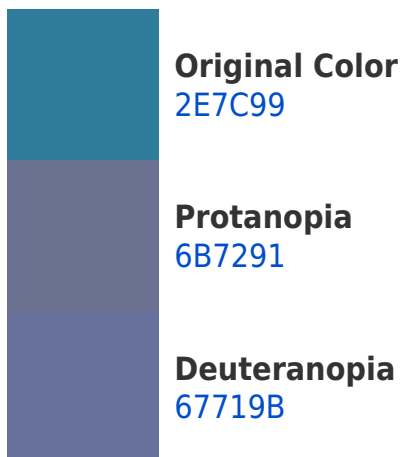


This preview shows how white text looks on a background with the Hex color 2E7C99.

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](#).

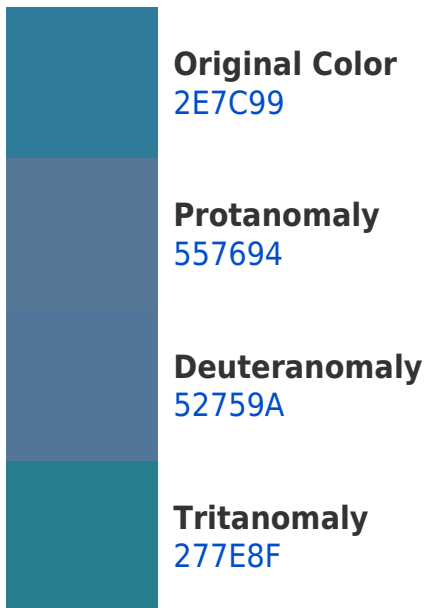
Dichromacy





Tritanopia
237F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7C99 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 #2E7C99 looks like.

```
.text, #text, p{  
    color:#2E7C99  
}
```

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 #2E7C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7C99
}
```

Border

The CSS property to change the border of an element to Hex 2E7C99 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
#2E7C99 }
```

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

```
.border{ border-color:#2E7C99 }
```

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

Here you see how a box with a 4 pixel #2E7C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7C99; -webkit-box-shadow:4px 4px  
4px 4px #2E7C99; box-shadow:4px 4px 4px  
4px #2E7C99 }
```

Background

The CSS property to change the background color of an element to Hex 2E7C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7C99 }
```

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

```
.background{ background-color:#2E7C99 }
```

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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