

# Converting Colors

Hex(2E7799)

Have a look what the booklet for  
Hex(2E7799) contains.

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# Color

**Hex(2E7799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E7799
RGB	46, 119, 153
RGB Percent	18%, 47%, 60%
CMY	0.8196, 0.5333, 0.4000
CMYK	0.70, 0.22, 0.00, 0.40
HSL	199°, 54%, 39%
HSV	199°, 70%, 60%
XYZ	13.4733, 16.0744, 32.5295
YIQ	101.0490, -54.4220, -4.9020

# Conversions

## Conversions Part 2

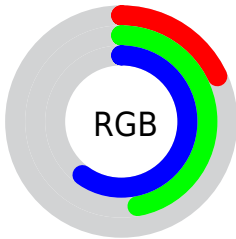
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 89, 153
Decimal	3045273
CIELab	47.07, -11.16, -24.96
CIElCh	47, 27.337, 245.912
Yxy	16.0744, 0.2170, 0.2589
Android (android.graphics.Color)	4281235353 (0xFF2E7799)
YUV	101.0490, 25.6118, -48.2780
Hunter-Lab	40.0929, -10.1772, -20.0402

# Details

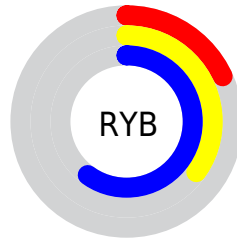
The Hex color **2E7799** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **99502E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **69ABCF**, and **004766** is the 20% darker color. If you saturate the color by 10%, you get **1F7299**, and if you desaturate by 10%, it is **3D7C99**.

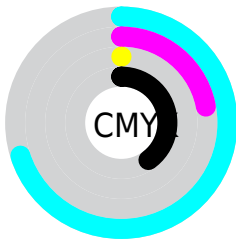
# Distribution



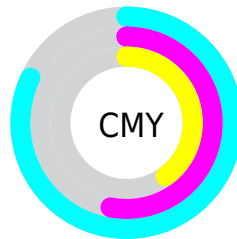
- Red (18%)
- Green (47%)
- Blue (60%)



- Red (18%)
- Yellow (35%)
- Blue (60%)



- Cyan (70%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (53%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E7799 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 2E7799 by changing the saturation by 10% instead.



■ 2E7799

■ 2E7799

FFFFFF

■ 005E7F

■ 69ABCF

■ 004766

■ 85C6EC

■ 00304E

■ A1E3FF

■ 001C37

■ BEFFFF

■ 000221

■ DBFFFF

■ 000006

■ F9FFFF

■ 000000

■ 2E7799

■ 2E7799

■ 1F7299

■ 3D7C99

0F6D99

4D8199

006899

5C8699

6B8A99

7B8F99

8A9499

999999

A89E99

B8A399

# Harmonies

## Analogous

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



0F7B8A



2E7799



56709D

# Triad

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



2E7799



9C5E6C



62764A

# Complementary

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



2E7799



99502E

# 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.



7A7041



2E7799



9A6156

# Square

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



2E7799



906183



8E6846



467A5C

# Rectangle

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



2E7799



6E6B99



8E6846



6A7446



# Sweetspot

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



2E7799



9DBAC7



2E9950



4B5C63



E3E3E3



636363



# Same Dimension

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



2E7799



2092C7



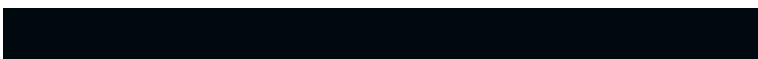
2E4299



454A4D



00608C



00090D



# Inverse Universe

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



992E77



C72092



99852E



4D454A



8C0060



0D0009



# Previews

## White Background



This preview shows how the Hex color 2E7799 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

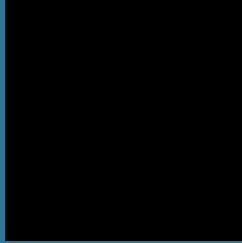
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E7799 Background



This preview shows how black text looks on a background with the Hex color 2E7799.

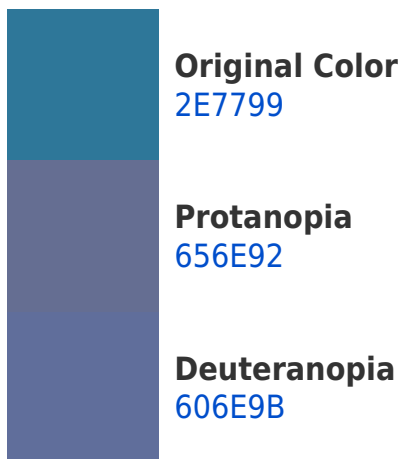


This preview shows how white text looks on a background with the Hex color 2E7799.

# 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](#).

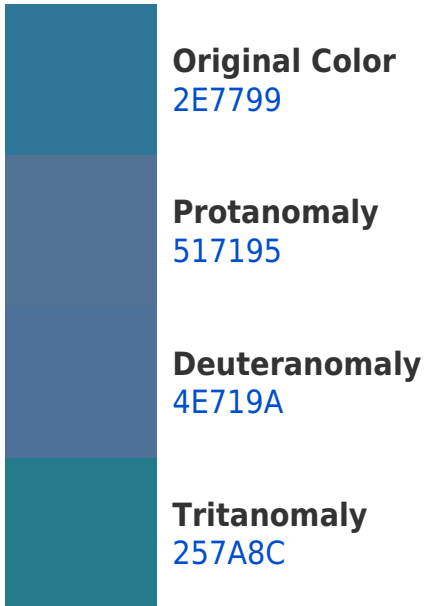
## Dichromacy



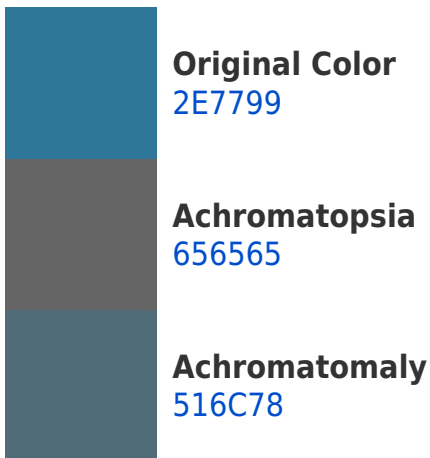


**Tritanopia**  
207B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E7799 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 #2E7799 looks like.

```
.text, #text, p{  
    color:#2E7799  
}
```

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 #2E7799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7799
}
```

## Border

The CSS property to change the border of an element to Hex 2E7799 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
#2E7799 }
```

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

```
.border{ border-color:#2E7799 }
```

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

Here you see how a box with a 4 pixel #2E7799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7799; -webkit-box-shadow:4px 4px  
4px 4px #2E7799; box-shadow:4px 4px 4px  
4px #2E7799 }
```

# Background

The CSS property to change the background color of an element to Hex 2E7799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7799 }
```

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

```
.background{ background-color:#2E7799 }
```

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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