

Converting Colors

Hex(2E7D93)

Have a look what the booklet for
Hex(2E7D93) contains.

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Color

Hex(2E7D93)

Conversions

Conversions Part 1

Format	Color
Hex	2E7D93
RGB	46, 125, 147
RGB Percent	18%, 49%, 58%
CMY	0.8196, 0.5098, 0.4235
CMYK	0.69, 0.15, 0.00, 0.42
HSL	193°, 52%, 38%
HSV	193°, 69%, 58%
XYZ	13.7268, 17.3547, 30.2301
YIQ	103.8870, -54.1460, -9.9060

Conversions

Conversions Part 2

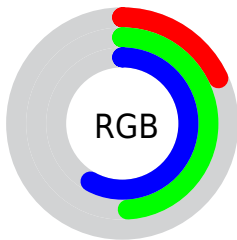
Format	Color
R_{YB}	46, 90, 147
Decimal	3046803
CIE _{Lab}	48.70, -16.57, -18.92
CIE _{LCh}	49, 25.144, 228.787
Yxy	17.3547, 0.2239, 0.2831
Android (android.graphics.Color)	4281236883 (0xFF2E7D93)
YUV	103.8870, 21.2547, -50.7669
Hunter-Lab	41.6589, -14.0866, -13.8629

Details

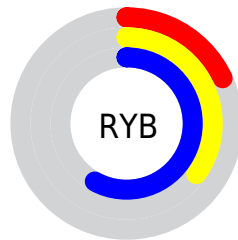
The Hex color **2E7D93** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **93442E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **69B2C9**, and **004C60** is the 20% darker color. If you saturate the color by 10%, you get **1F7A93**, and if you desaturate by 10%, it is **3D8093**.

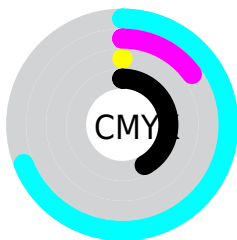
Distribution



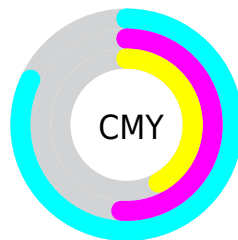
- Red (18%)
- Green (49%)
- Blue (58%)



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



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7D93 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 2E7D93 by changing the saturation by 10% instead.

■ 2E7D93

■ 2E7D93

FFFFFF

■ 006479

■ 69B2C9

■ 004C60

■ 85CDE5

■ 003549

■ A1EAFB

■ 002032

■ BEFFFF

■ 00021D

■ DBFFFF

■ 000000

■ F8FFFF

■ 2E7D93

■ 2E7D93

■ 1F7A93

■ 3D8093

■ 117793

■ 4B8393

■ 027393

■ 5A8793

■ 007393

■ 698A93

■ 788D93

■ 869093

■ 959393

■ A49793

■ B29A93

Harmonies

Analogous

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



2D7F81



2E7D93



4A789D

Triad

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



2E7D93



98647D



75774B

Complementary

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



2E7D93



93442E

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.



89704A



2E7D93



9E6467

Square

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



2E7D93



876A90



986955



5C7C57

Rectangle

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



2E7D93



60749D



986955



7C7449

Sweetspot

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



2E7D93



97B7BF



2E9344



495C61



E0E0E0



616161

Same Dimension

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



2E7D93



229DBF



2E4B93



43484A



006C8A



00080A

Inverse Universe

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



932E7D



BF229D



93762E



4A4348



8A006C



0A0008

Previews

White Background



This preview shows how the Hex color 2E7D93 looks on a white background.

Color Contrast Check

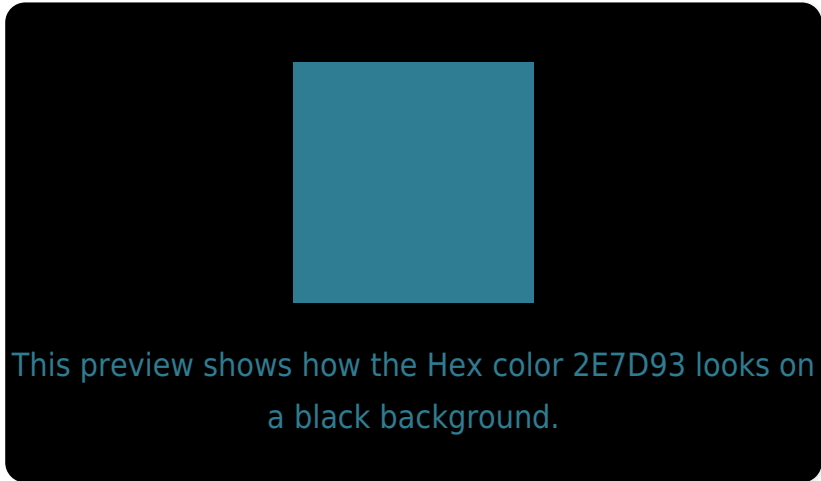
Large Text (above 18pt) WCAG AA ✓ Pass

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

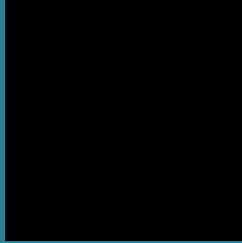
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

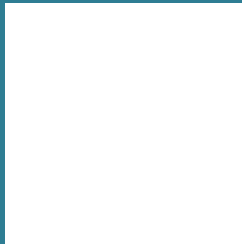
Any Text WCAG AAA × Fail

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

Hex 2E7D93 Background



This preview shows how black text looks on a background with the Hex color 2E7D93.

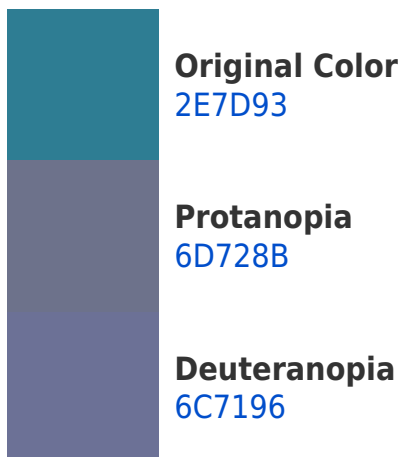


This preview shows how white text looks on a background with the Hex color 2E7D93.

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](#).

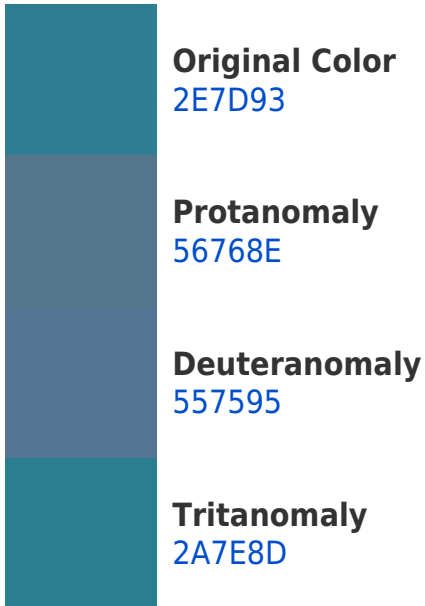
Dichromacy



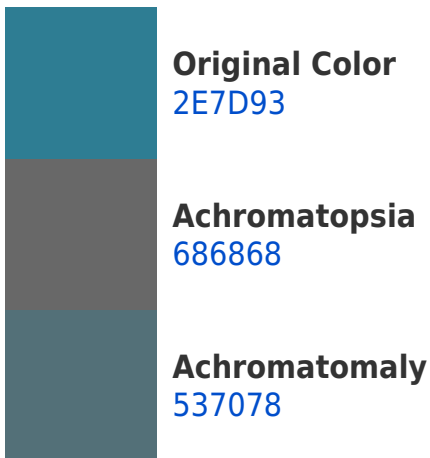


Tritanopia
287F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7D93 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 #2E7D93 looks like.

```
.text, #text, p{  
    color:#2E7D93  
}
```

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 #2E7D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7D93
}
```

Border

The CSS property to change the border of an element to Hex 2E7D93 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
#2E7D93 }
```

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

```
.border{ border-color:#2E7D93 }
```

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

Here you see how a box with a 4 pixel #2E7D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7D93; -webkit-box-shadow:4px 4px  
4px 4px #2E7D93; box-shadow:4px 4px 4px  
4px #2E7D93 }
```

Background

The CSS property to change the background color of an element to Hex 2E7D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7D93 }
```

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

```
.background{ background-color:#2E7D93 }
```

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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