

Converting Colors

Hex(2E7373)

Have a look what the booklet for
Hex(2E7373) contains.

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Color

Hex(2E7373)

Conversions

Conversions Part 1

Format	Color
Hex	2E7373
RGB	46, 115, 115
RGB Percent	18%, 45%, 45%
CMY	0.8196, 0.5490, 0.5490
CMYK	0.60, 0.00, 0.00, 0.55
HSL	180°, 43%, 32%
HSV	180°, 60%, 45%
XYZ	10.3520, 14.0801, 18.3918
YIQ	94.3690, -41.1240, -14.6280

Conversions

Conversions Part 2

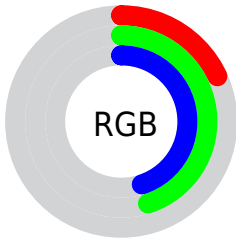
Format	Color
RYB	46, 81, 115
Decimal	3044211
CIELab	44.35, -21.34, -6.51
CIElCh	44, 22.310, 196.963
Yxy	14.0801, 0.2417, 0.3288
Android (android.graphics.Color)	4281234291 (0xFF2E7373)
YUV	94.3690, 10.1711, -42.4196
Hunter-Lab	37.5235, -16.4216, -2.7940

Details

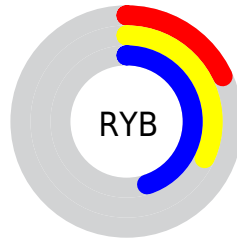
The Hex color **2E7373** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **732E2E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **64A7A7**, and **004243** is the 20% darker color. If you saturate the color by 10%, you get **237373**, and if you desaturate by 10%, it is **397373**.

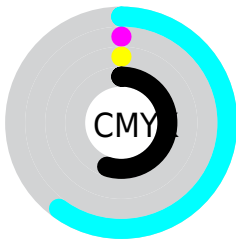
Distribution



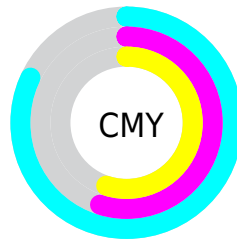
- Red (18%)
- Green (45%)
- Blue (45%)



- Red (18%)
- Yellow (32%)
- Blue (45%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7373 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 2E7373 by changing the saturation by 10% instead.

■ 2E7373

■ 2E7373

FFFFFF

■ 0C5A5A

■ 64A7A7

■ 004243

■ 7FC3C2

■ 002C2D

■ 9ADFDE

■ 001918

■ B6FBFA

■ 000000

■ D3FFFF

■ F0FFFF

■ 2E7373

■ 2E7373

■ 237373

■ 397373

■ 177373

■ 457373

■ 0B7373

■ 517373

■ 007373

■ 5C7373

■ 677373

■ 737373

■ 7E7373

■ 8A7373

■ 957373

Harmonies

Analogous

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



407260



2E7373



2E7183

Triad

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



2E7373



786082



7D6545

Complementary

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



2E7373



732E2E

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.



895F4F



2E7373



885C72

Square

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



2E7373



60678C



8E5B5F



6B6B45

Rectangle

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



2E7373



3B6F8A



8E5B5F



826347

Sweetspot

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



2E7373



7B9696



2E732E



3C4D4D



CCCCCC



4D4D4D

Same Dimension

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



2E7373



2A9696



2E5173



353B3B



007A7A



00FAFA

Inverse Universe

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



732E73



962A96



73512E



3B353B



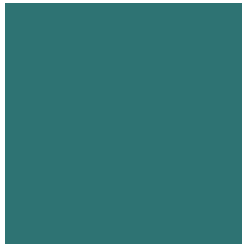
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 2E7373 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

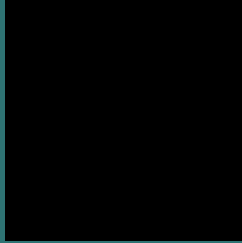
Any Text WCAG AA × Fail

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 2E7373 Background



This preview shows how black text looks on a background with the Hex color 2E7373.

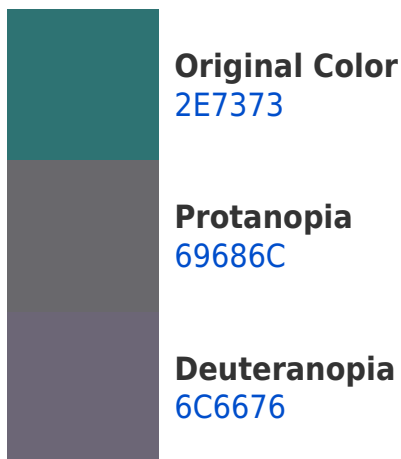


This preview shows how white text looks on a background with the Hex color 2E7373.

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
31727B

Trichromacy



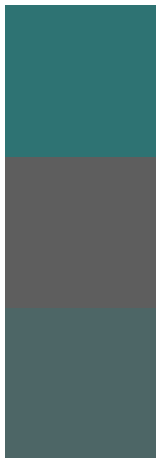
Original Color
2E7373

Protanomaly
546C6F

Deuteranomaly
556B75

Tritanomaly
307278

Monochromacy



Original Color
2E7373

Achromatopsia
5E5E5E

Achromatomaly
4D6666

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7373 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 #2E7373 looks like.

```
.text, #text, p{  
    color:#2E7373  
}
```

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 #2E7373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7373
}
```

Border

The CSS property to change the border of an element to Hex 2E7373 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
#2E7373 }
```

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

```
.border{ border-color:#2E7373 }
```

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

Here you see how a box with a 4 pixel #2E7373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7373; -webkit-box-shadow:4px 4px  
4px 4px #2E7373; box-shadow:4px 4px 4px  
4px #2E7373 }
```

Background

The CSS property to change the background color of an element to Hex 2E7373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7373 }
```

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

```
.background{ background-color:#2E7373 }
```

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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