

Converting Colors

Hex(2E585B)

Have a look what the booklet for
Hex(2E585B) contains.

Hex(2E585B)	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(2E585B)

Conversions

Conversions Part 1

Format	Color
Hex	2E585B
RGB	46, 88, 91
RGB Percent	18%, 35%, 36%
CMY	0.8196, 0.6549, 0.6431
CMYK	0.49, 0.03, 0.00, 0.64
HSL	184°, 33%, 27%
HSV	184°, 49%, 36%
XYZ	6.5048, 8.3156, 11.1598
YIQ	75.7840, -25.9950, -7.9710

Conversions

Conversions Part 2

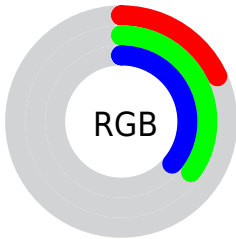
Format	Color
R_{YB}	46, 68, 91
Decimal	3037275
CIE _{Lab}	34.63, -13.72, -6.30
CIE _{LCh}	35, 15.098, 204.665
Yxy	8.3156, 0.2504, 0.3201
Android (android.graphics.Color)	4281227355 (0xFF2E585B)
YUV	75.7840, 7.5015, -26.1206
Hunter-Lab	28.8368, -10.1999, -2.7593

Details

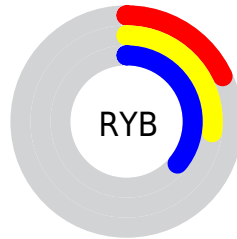
The Hex color **2E585B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B312E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **608A8D**, and **002A2D** is the 20% darker color. If you saturate the color by 10%, you get **25575B**, and if you desaturate by 10%, it is **37595B**.

Distribution



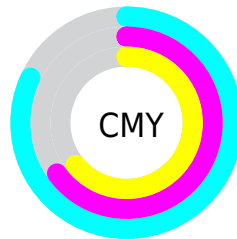
- Red (18%)
- Green (35%)
- Blue (36%)



- Red (18%)
- Yellow (27%)
- Blue (36%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E585B 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 2E585B by changing the saturation by 10% instead.

■ 2E585B

■ 2E585B

FFFFFF

■ 154144

■ 608A8D

■ 002A2D

■ 79A4A7

■ 001719

■ 94C0C3

■ 000000

■ AFDBDF

■ CBF8FB

■ E7FFFF

■ 2E585B

■ 2E585B

■ 25575B

■ 37595B

■ 1C575B

■ 40595B

■ 13565B

■ 495A5B

■ 0A565B

■ 525A5B

■ 00555B

■ 5C5B5B

■ 655C5B

■ 6E5C5B

■ 775D5B

■ 805D5B

Harmonies

Analogous

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



35584F



2E585B



325665

Triad

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



2E585B



5F4B5F



5C503A

Complementary

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



2E585B



5B312E

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.



664C3E



2E585B



684954

Square

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



2E585B



504F67



6A4948



50543B

Rectangle

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



2E585B



3A5468



6A4948



604F3B

Sweetspot

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



2E585B



647475



2E5B31



303A3B



BABABA



3B3B3B

Same Dimension

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



2E585B



307175



2E425B



292E2E



00666E



00DDED

Inverse Universe

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



5B2E58



753071



5B482E



2E292E



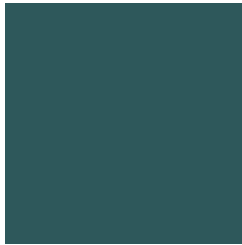
6E0066



ED00DD

Previews

White Background



This preview shows how the Hex color 2E585B looks on a white background.

Color Contrast Check

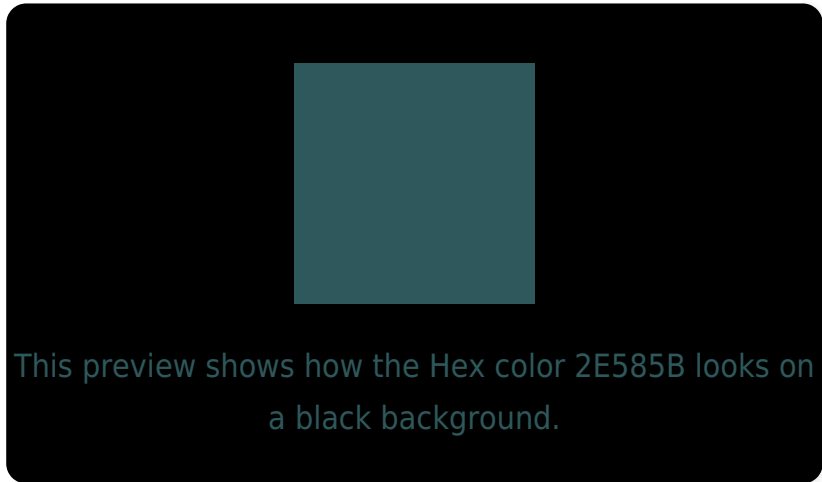
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

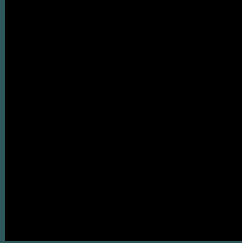
Any Text WCAG AA × Fail

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 2E585B Background



This preview shows how black text looks on a background with the Hex color 2E585B.

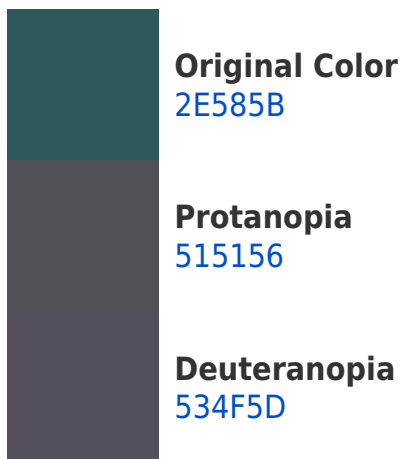


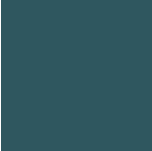
This preview shows how white text looks on a background with the Hex color 2E585B.

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](#).

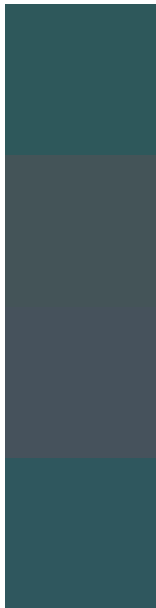
Dichromacy





Tritanopia
2F575F

Trichromacy



Original Color
2E585B

Protanomaly
445458

Deuteranomaly
46525C

Tritanomaly
2F575E

Monochromacy



Original Color
2E585B

Achromatopsia
4C4C4C

Achromatomaly
415051

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E585B 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 #2E585B looks like.

```
.text, #text, p{  
    color:#2E585B  
}
```

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 #2E585B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E585B
}
```

Border

The CSS property to change the border of an element to Hex 2E585B 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
#2E585B }
```

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

```
.border{ border-color:#2E585B }
```

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

Here you see how a box with a 4 pixel #2E585B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E585B; -webkit-box-shadow:4px 4px  
4px 4px #2E585B; box-shadow:4px 4px 4px  
4px #2E585B }
```

Background

The CSS property to change the background color of an element to Hex 2E585B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E585B }
```

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

```
.background{ background-color:#2E585B }
```

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