

Converting Colors

Hex(2E8582)

Have a look what the booklet for
Hex(2E8582) contains.

Hex(2E8582)	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(2E8582)

Conversions

Conversions Part 1

Format	Color
Hex	2E8582
RGB	46, 133, 130
RGB Percent	18%, 52%, 51%
CMY	0.8196, 0.4784, 0.4902
CMYK	0.65, 0.00, 0.02, 0.48
HSL	178°, 49%, 35%
HSV	178°, 65%, 52%
XYZ	13.5435, 18.9676, 24.0664
YIQ	106.6450, -50.8890, -19.3770

Conversions

Conversions Part 2

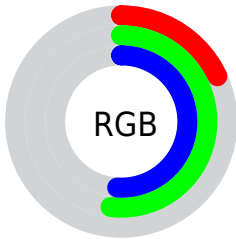
Format	Color
RYB	46, 90, 133
Decimal	3048834
CIELab	50.65, -26.12, -6.01
CIElCh	51, 26.808, 192.959
Yxy	18.9676, 0.2394, 0.3352
Android (android.graphics.Color)	4281238914 (0xFF2E8582)
YUV	106.6450, 11.5140, -53.1857
Hunter-Lab	43.5518, -20.7067, -2.2769

Details

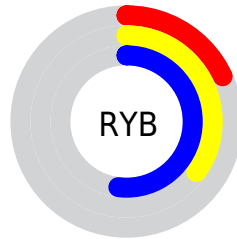
The Hex color **2E8582** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **852E31**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **68BBB7**, and **005351** is the 20% darker color. If you saturate the color by 10%, you get **218582**, and if you desaturate by 10%, it is **3B8582**.

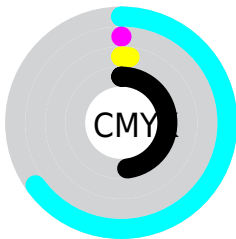
Distribution



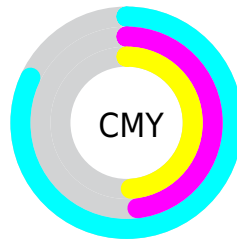
- Red (18%)
- Green (52%)
- Blue (51%)



- Red (18%)
- Yellow (35%)
- Blue (52%)



- Cyan (65%)
- Magenta (0%)
- Yellow (2%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8582 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 2E8582 by changing the saturation by 10% instead.

 2E8582

 2E8582

FFFFFF

 036B69

 68BBB7

 005351

 83D6D2

 003B3A

 9FF3EF

 002524

 BCFFFF

 000510

 D9FFFF

 000000

 F6FFFF

 2E8582

 2E8582

 218582

 3B8582

■ 138581

■ 498583

■ 068581

■ 568583

■ 008580

■ 638584

■ 718584

■ 7E8585

■ 8B8585

■ 988586

■ A68586

Harmonies

Analogous

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



49846A



2E8582



278397

Triad

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



2E8582



886F9A



93734D

Complementary

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



2E8582



852E31

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.



A26B5A



2E8582



9D6987

Square

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



2E8582



6877A5



A6676F



7E7A4C

Rectangle

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



2E8582



3880A1



A6676F



997050

Sweetspot

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



2E8582



8BADAC



32852E



425756



D6D6D6



575757

Same Dimension

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



2E8582



26ADA9



2E5E85



3C4242



00827E



000302

Inverse Universe

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



852E31



AD262B



85552E



423C3C



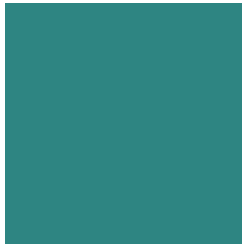
820004



030000

Previews

White Background



This preview shows how the Hex color 2E8582 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

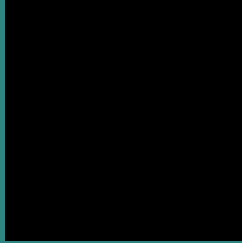
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2E8582 Background



This preview shows how black text looks on a background with the Hex color 2E8582.

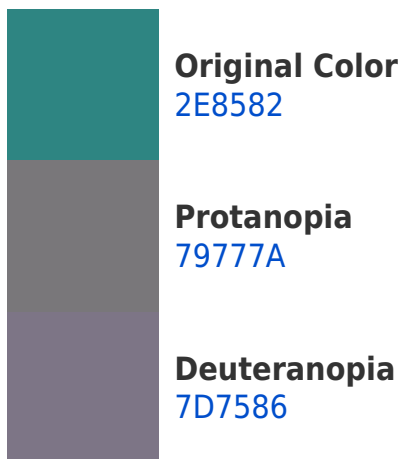


This preview shows how white text looks on a background with the Hex color 2E8582.

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
34838E

Trichromacy



Original Color
2E8582



Protanomaly
5E7C7D



Deuteranomaly
607B85



Tritanomaly
32848A

Monochromacy



Original Color
2E8582



Achromatopsia
6B6B6B



Achromatomaly
557473

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8582 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 #2E8582 looks like.

```
.text, #text, p{  
    color:#2E8582  
}
```

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 #2E8582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8582
}
```

Border

The CSS property to change the border of an element to Hex 2E8582 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
#2E8582 }
```

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

```
.border{ border-color:#2E8582 }
```

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

Here you see how a box with a 4 pixel #2E8582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8582; -webkit-box-shadow:4px 4px  
4px 4px #2E8582; box-shadow:4px 4px 4px  
4px #2E8582 }
```

Background

The CSS property to change the background color of an element to Hex 2E8582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8582 }
```

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

```
.background{ background-color:#2E8582 }
```

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