

Converting Colors

Hex(2E8E6E)

Have a look what the booklet for
Hex(2E8E6E) contains.

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Color

Hex(2E8E6E)

Conversions

Conversions Part 1

Format	Color
Hex	2E8E6E
RGB	46, 142, 110
RGB Percent	18%, 56%, 43%
CMY	0.8196, 0.4431, 0.5686
CMYK	0.68, 0.00, 0.23, 0.44
HSL	160°, 51%, 37%
HSV	160°, 68%, 56%
XYZ	13.6142, 21.0526, 18.0979
YIQ	109.6480, -46.9440, -30.3040

Conversions

Conversions Part 2

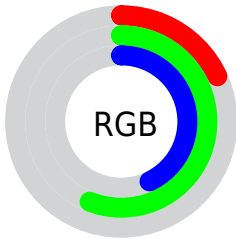
Format	Color
R_{YB}	46, 104, 142
Decimal	3051118
CIE _{Lab}	53.01, -35.83, 9.01
CIE _{LCh}	53, 36.950, 165.882
Y _{xy}	21.0526, 0.2580, 0.3990
Android (android.graphics.Color)	4281241198 (0xFF2E8E6E)
Y _{UV}	109.6480, 0.1735, -55.8193
Hunter-Lab	45.8831, -27.3320, 8.7322

Details

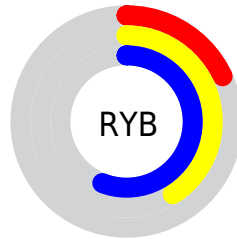
The Hex color **2E8E6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E2E4E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **68C4A2**, and **005B3E** is the 20% darker color. If you saturate the color by 10%, you get **208E69**, and if you desaturate by 10%, it is **3C8E73**.

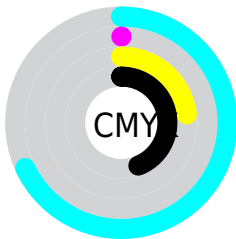
Distribution



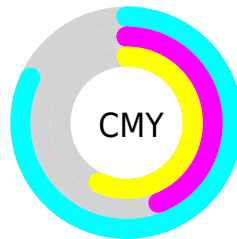
- Red (18%)
- Green (56%)
- Blue (43%)



- Red (18%)
- Yellow (41%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8E6E 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 2E8E6E by changing the saturation by 10% instead.

 2E8E6E

 2E8E6E

FFFFFF

 027456

 68C4A2

 005B3E

 84E1BD

 004328

 A0FDD8

 002C14

 BCFFF5

 001200

 D9FFFF

 000000

 F7FFFF

 2E8E6E

 2E8E6E

 208E69

 3C8E73

■ 128E65

■ 4A8E77

■ 038E60

■ 598E7C

■ 008E5F

■ 678E81

■ 758E86

■ 838E8A

■ 918E8F

■ A08E94

■ AE8E99

Harmonies

Analogous

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



5E8A51



2E8E6E



008F8F

Triad

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



2E8E6E



6A7CBC



B46C52

Complementary

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



2E8E6E



8E2E4E

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.



BB656F



2E8E6E



9770AB

Square

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



2E8E6E



2286BC



B2668F



9F7740

Rectangle

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



2E8E6E



008EA3



B2668F



B8695B

Sweetspot

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



2E8E6E



93B8AB



4E8E2E



465C54



DBDBDB



5C5C5C

Same Dimension

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



2E8E6E



23B886



2E7E8E



404745



00875A



000805

Inverse Universe

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



8E2E4E



B82354



8E3E2E



474043



87002D



080003

Previews

White Background



This preview shows how the Hex color 2E8E6E looks on a white background.

Color Contrast Check

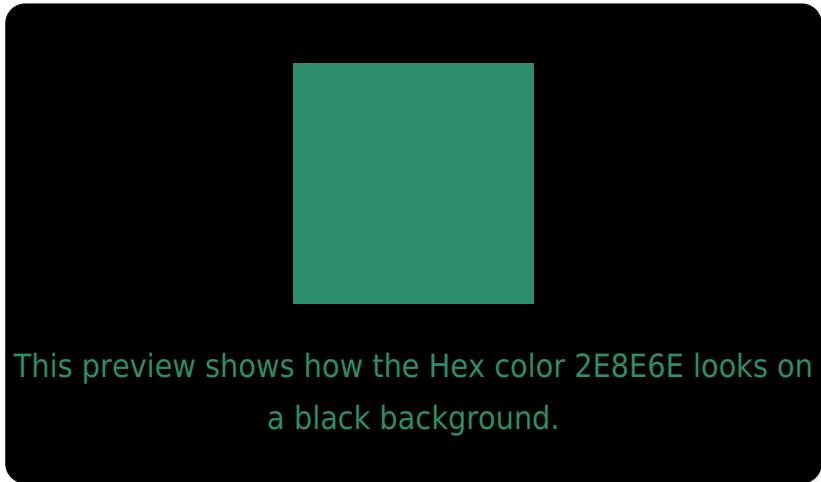
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E8E6E Background



This preview shows how black text looks on a background with the Hex color 2E8E6E.

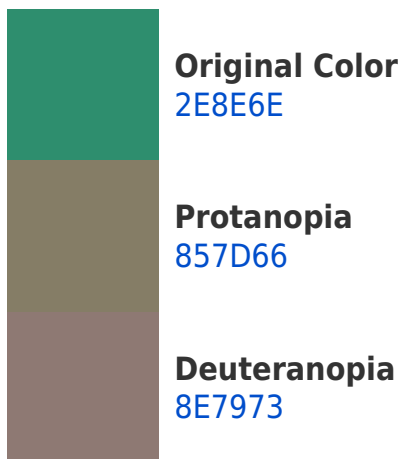


This preview shows how white text looks on a background with the Hex color 2E8E6E.

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
3E8994

Trichromacy



Original Color
2E8E6E



Protanomaly
658369



Deuteranomaly
6B8171



Tritanomaly
388B86

Monochromacy



Original Color
2E8E6E



Achromatopsia
6E6E6E



Achromatomaly
577A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8E6E 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 #2E8E6E looks like.

```
.text, #text, p{  
    color:#2E8E6E  
}
```

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 #2E8E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8E6E
}
```

Border

The CSS property to change the border of an element to Hex 2E8E6E 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
#2E8E6E }
```

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

```
.border{ border-color:#2E8E6E }
```

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

Here you see how a box with a 4 pixel #2E8E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8E6E; -webkit-box-shadow:4px 4px  
4px 4px #2E8E6E; box-shadow:4px 4px 4px  
4px #2E8E6E }
```

Background

The CSS property to change the background color of an element to Hex 2E8E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8E6E }
```

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

```
.background{ background-color:#2E8E6E }
```

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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