

Converting Colors

Hex(2E826C)

Have a look what the booklet for
Hex(2E826C) contains.

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Color

Hex(2E826C)

Conversions

Conversions Part 1

Format	Color
Hex	2E826C
RGB	46, 130, 108
RGB Percent	18%, 51%, 42%
CMY	0.8196, 0.4902, 0.5765
CMYK	0.65, 0.00, 0.17, 0.49
HSL	164°, 48%, 35%
HSV	164°, 65%, 51%
XYZ	11.8161, 17.6288, 16.9673
YIQ	102.3760, -43.0020, -24.6500

Conversions

Conversions Part 2

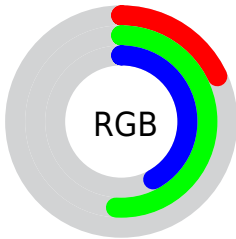
Format	Color
RYB	46, 94, 130
Decimal	3048044
CIELab	49.04, -30.81, 4.52
CIElCh	49, 31.141, 171.659
Yxy	17.6288, 0.2546, 0.3798
Android (android.graphics.Color)	4281238124 (0xFF2E826C)
YUV	102.3760, 2.7726, -49.4418
Hunter-Lab	41.9867, -23.2423, 5.4309

Details

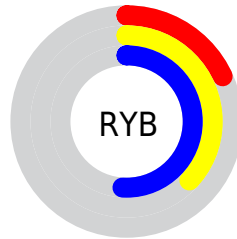
The Hex color **2E826C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **822E44**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66B89F**, and **00503D** is the 20% darker color. If you saturate the color by 10%, you get **218269**, and if you desaturate by 10%, it is **3B826F**.

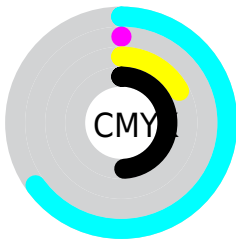
Distribution



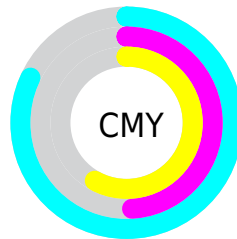
- Red (18%)
- Green (51%)
- Blue (42%)



- Red (18%)
- Yellow (37%)
- Blue (51%)



- Cyan (65%)
- Magenta (0%)
- Yellow (17%)
- Black (49%)



- Cyan (82%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E826C 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 2E826C by changing the saturation by 10% instead.



2E826C



2E826C

FFFFFF



086854



66B89F



00503D



81D3BA



003827



9DF0D6



002412



B9FFF2



000000



D6FFFF



F3FFFF



2E826C



2E826C



218269



3B826F

■ 148265

■ 488273

■ 078262

■ 558276

■ 008260

■ 62827A

■ 6F827D

■ 7C8280

■ 898284

■ 968287

■ A3828B

Harmonies

Analogous

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



547F53



2E826C



008287

Triad

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



2E826C



6C70A5



9F674C

Complementary

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



2E826C



822E44

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.



A76162



2E826C



8E6796

Square

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



2E826C



3E79A8



A2607D



8C7040

Rectangle

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



2E826C



008197



A2607D



A36553

Sweetspot

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



2E826C



88A8A0



44822E



41544F



D4D4D4



545454

Same Dimension

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



2E826C



25A886



2E6E82



39403E



00805E



000000

Inverse Universe

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



822E44



A82547



82422E



40393B



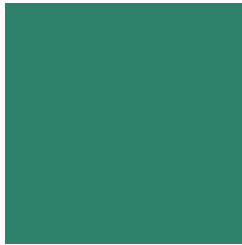
800021



000000

Previews

White Background



This preview shows how the Hex color 2E826C looks on a white background.

Color Contrast Check

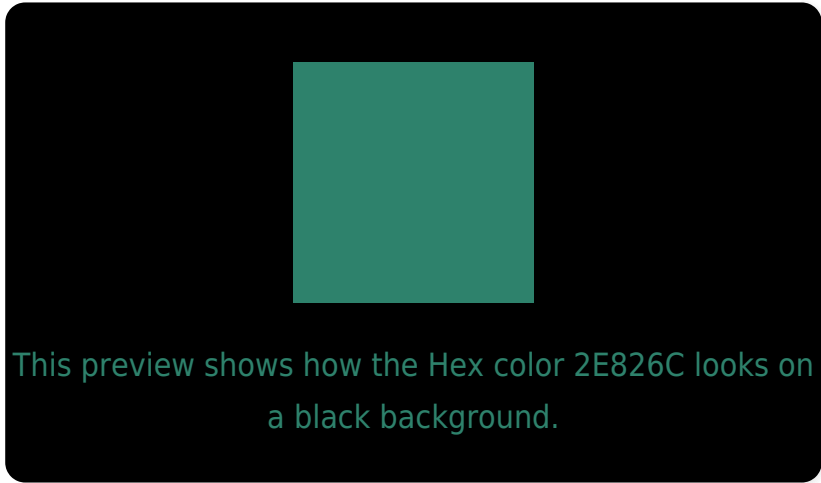
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 2E826C Background



This preview shows how black text looks on a background with the Hex color 2E826C.

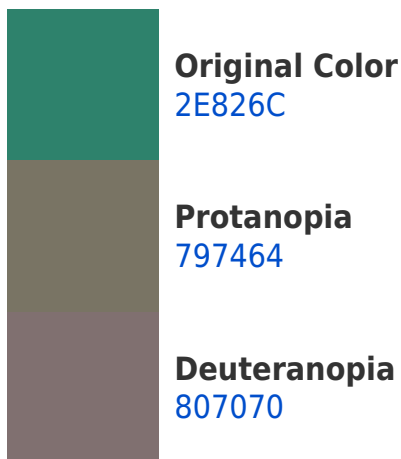


This preview shows how white text looks on a background with the Hex color 2E826C.

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](#).

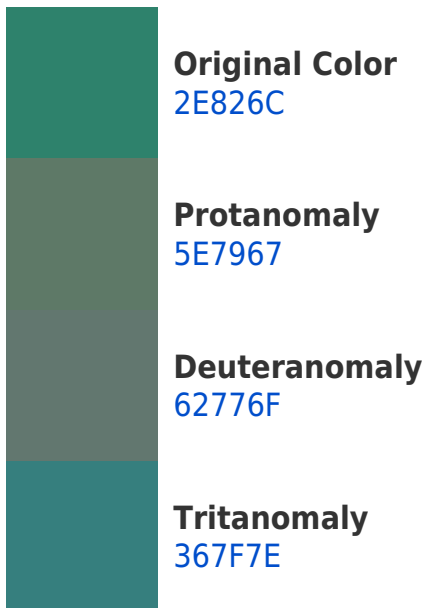
Dichromacy



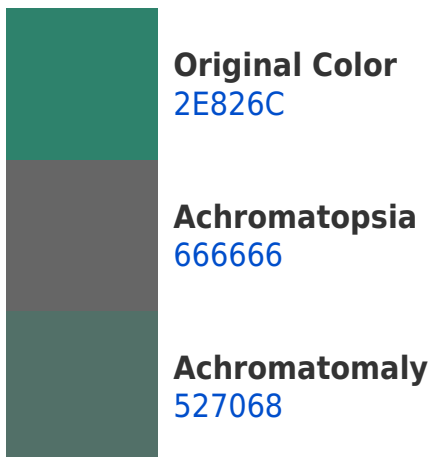


Tritanopia
3A7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E826C 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 #2E826C looks like.

```
.text, #text, p{  
    color:#2E826C  
}
```

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 #2E826C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E826C
}
```

Border

The CSS property to change the border of an element to Hex 2E826C 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
#2E826C }
```

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

```
.border{ border-color:#2E826C }
```

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

Here you see how a box with a 4 pixel #2E826C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E826C; -webkit-box-shadow:4px 4px  
4px 4px #2E826C; box-shadow:4px 4px 4px  
4px #2E826C }
```

Background

The CSS property to change the background color of an element to Hex 2E826C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E826C }
```

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

```
.background{ background-color:#2E826C }
```

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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