

Converting Colors

Hex(2E6A5F)

Have a look what the booklet for
Hex(2E6A5F) contains.

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Color

Hex(2E6A5F)

Conversions

Conversions Part 1

Format	Color
Hex	2E6A5F
RGB	46, 106, 95
RGB Percent	18%, 42%, 37%
CMY	0.8196, 0.5843, 0.6275
CMYK	0.57, 0.00, 0.10, 0.58
HSL	169°, 39%, 30%
HSV	169°, 57%, 42%
XYZ	8.3463, 11.7151, 12.6478
YIQ	86.8060, -32.2290, -16.1410

Conversions

Conversions Part 2

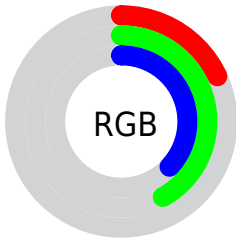
Format	Color
R_{YB}	46, 79, 106
Decimal	3041887
CIE _{Lab}	40.76, -22.41, 0.28
CIE _{LCh}	41, 22.416, 179.292
Yxy	11.7151, 0.2552, 0.3582
Android (android.graphics.Color)	4281231967 (0xFF2E6A5F)
YUV	86.8060, 4.0396, -35.7869
Hunter-Lab	34.2274, -16.3709, 2.0501




Details

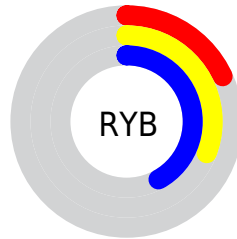
The Hex color **2E6A5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A2E39**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **629E91**, and **003A31** is the 20% darker color. If you saturate the color by 10%, you get **236A5D**, and if you desaturate by 10%, it is **396A61**.

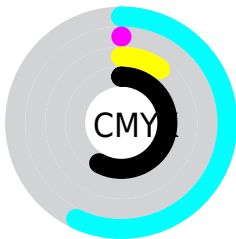
Distribution







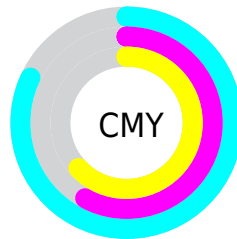
-  Red (18%)
-  Green (42%)
-  Blue (37%)






-  Red (18%)
-  Yellow (31%)
-  Blue (42%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (58%)



-  Cyan (82%)
-  Magenta (58%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6A5F 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 2E6A5F by changing the saturation by 10% instead.



2E6A5F



2E6A5F

FFFFFF



115247



629E91



003A31



7CB9AC



00241C



97D5C7



000502



B2F1E3



000000



CFFFFFF



EBFFFF



2E6A5F



2E6A5F



236A5D



396A61

■ 196A5B

■ 436A63

■ 0E6A59

■ 4E6A65

■ 046A57

■ 586A67

■ 006A57

■ 636A69

■ 6E6A6B

■ 786A6D

■ 836A6F

■ 8D6A70

Harmonies

Analogous

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



44684D



2E6A5F



1F6A71

Triad

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



2E6A5F



625C80



7C5941

Complementary

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



2E6A5F



6A2E39

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.



84544F



2E6A5F



775573

Square

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



2E6A5F



466284



835261



6D5F3B

Rectangle

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



2E6A5F



23687B



835261



7F5745

Sweetspot

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



2E6A5F



728A85



396A2E



374542



C4C4C4



454545

Same Dimension

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



2E6A5F



2C8A79



2E576A



303635



007560



00F5C8

Inverse Universe

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



6A2E39



8A2C3D



6A412E



363031



750016



F5002D

Previews

White Background



This preview shows how the Hex color 2E6A5F 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

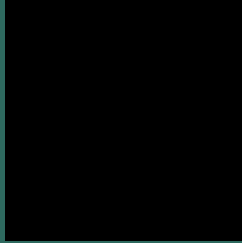
Any Text WCAG AA × Fail

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 2E6A5F Background



This preview shows how black text looks on a background with the Hex color 2E6A5F.



This preview shows how white text looks on a background with the Hex color 2E6A5F.

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



Original Color
2E6A5F

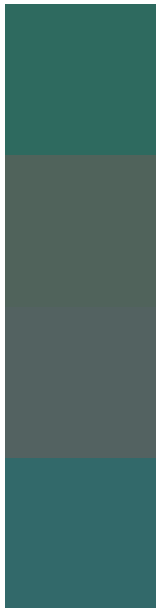
Protanopia
635F59

Deuteranopia
685D62



Tritanopia
346870

Trichromacy



Original Color
2E6A5F

Protanomaly
50635B

Deuteranomaly
536261

Tritanomaly
32696A

Monochromacy



Original Color
2E6A5F

Achromatopsia
575757

Achromatomaly
485E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6A5F 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 #2E6A5F looks like.

```
.text, #text, p{  
    color:#2E6A5F  
}
```

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 #2E6A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6A5F
}
```

Border

The CSS property to change the border of an element to Hex 2E6A5F 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
#2E6A5F }
```

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

```
.border{ border-color:#2E6A5F }
```

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

Here you see how a box with a 4 pixel #2E6A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6A5F; -webkit-box-shadow:4px 4px  
4px 4px #2E6A5F; box-shadow:4px 4px 4px  
4px #2E6A5F }
```

Background

The CSS property to change the background color of an element to Hex 2E6A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6A5F }
```

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

```
.background{ background-color:#2E6A5F }
```

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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