

Converting Colors

Hex(2E6955)

Have a look what the booklet for
Hex(2E6955) contains.

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Color

Hex(2E6955)

Conversions

Conversions Part 1

Format	Color
Hex	2E6955
RGB	46, 105, 85
RGB Percent	18%, 41%, 33%
CMY	0.8196, 0.5882, 0.6667
CMYK	0.56, 0.00, 0.19, 0.59
HSL	160°, 39%, 30%
HSV	160°, 56%, 41%
XYZ	7.8180, 11.3399, 10.3711
YIQ	85.0790, -28.7440, -18.7280

Conversions

Conversions Part 2

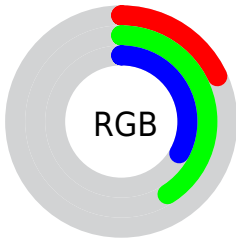
Format	Color
R_{YB}	46, 82, 105
Decimal	3041621
CIE _{Lab}	40.15, -24.57, 5.47
CIE _{LCh}	40, 25.166, 167.453
Yxy	11.3399, 0.2648, 0.3840
Android (android.graphics.Color)	4281231701 (0xFF2E6955)
YUV	85.0790, -0.0389, -34.2723
Hunter-Lab	33.6747, -17.4899, 5.3123




Details

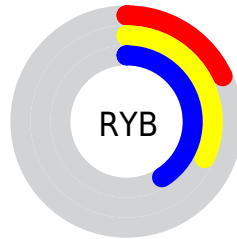
The Hex color **2E6955** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **692E42**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **619D87**, and **003928** is the 20% darker color. If you saturate the color by 10%, you get **246951**, and if you desaturate by 10%, it is **396959**.

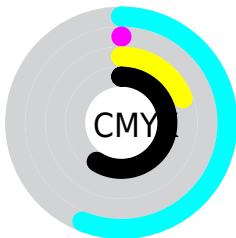
Distribution







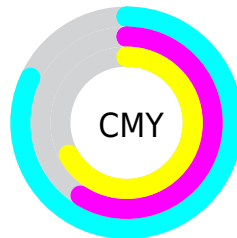
-  Red (18%)
-  Green (41%)
-  Blue (33%)






-  Red (18%)
-  Yellow (32%)
-  Blue (41%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (59%)



-  Cyan (82%)
-  Magenta (59%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6955 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 2E6955 by changing the saturation by 10% instead.

 2E6955

 2E6955


FFFFFF

 12513E

 619D87

 003928

 7BB8A1

 002414

 96D3BC

 000100

 B1F0D8

 000000

 CEFFF4

 EAFFFF

 2E6955

 2E6955

 246951

 396959

■ 19694E

■ 43695C

■ 0E694A

■ 4E6960

■ 046947

■ 586963

■ 006945

■ 626967

■ 6D696A

■ 77696E

■ 826971

■ 8D6975

Harmonies

Analogous

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



496642



2E6955



0D6A6A

Triad

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



2E6955



545C86



825341

Complementary

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



2E6955



692E42

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.



874F53



2E6955



70557B

Square

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



2E6955



316386



814F68



745A36

Rectangle

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



2E6955



006977



814F68



845147

Sweetspot

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



2E6955



728A82



43692E



374540



C4C4C4



454545

Same Dimension

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



2E6955



2D8A6A



2E6069



303634



00754E



00F5A2

Inverse Universe

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



692E42



8A2D4D



69372E



363032



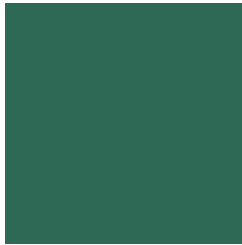
750028



F50053

Previews

White Background



This preview shows how the Hex color 2E6955 looks on a white background.

Color Contrast Check

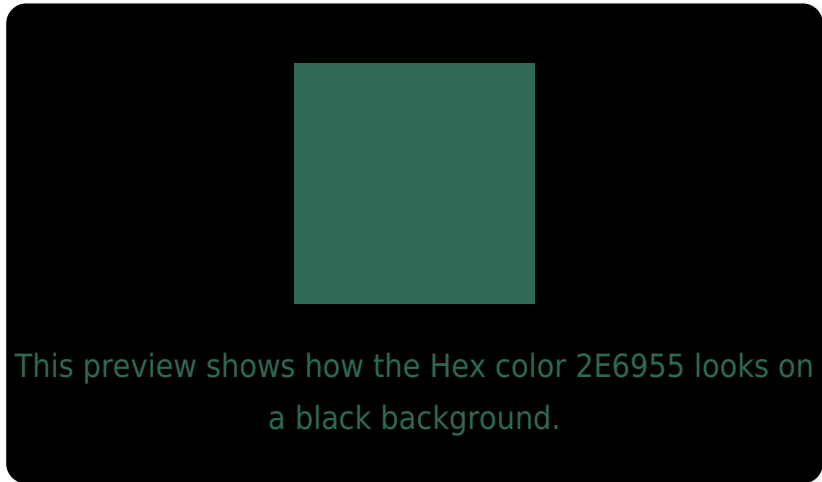
Large Text (above 18pt) WCAG AA ✓ Pass

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

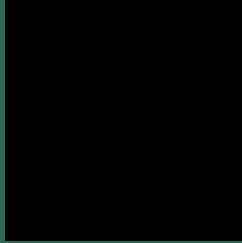
Any Text WCAG AA × Fail

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 2E6955 Background



This preview shows how black text looks on a background with the Hex color 2E6955.



This preview shows how white text looks on a background with the Hex color 2E6955.

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
2E6955

Protanopia
635E4F

Deuteranopia
6A5B58



Tritanopia
36666E

Trichromacy



Original Color
2E6955

Protanomaly
506251

Deuteranomaly
546057

Tritanomaly
336765

Monochromacy



Original Color
2E6955

Achromatopsia
555555

Achromatomaly
475C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6955 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 #2E6955 looks like.

```
.text, #text, p{  
    color:#2E6955  
}
```

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 #2E6955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6955  
}
```

Border

The CSS property to change the border of an element to Hex 2E6955 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  
#2E6955 }
```

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

```
.border{ border-color:#2E6955 }
```

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

Here you see how a box with a 4 pixel #2E6955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6955; -webkit-box-shadow:4px 4px  
4px 4px #2E6955; box-shadow:4px 4px 4px  
4px #2E6955 }
```

Background

The CSS property to change the background color of an element to Hex 2E6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6955 }
```

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

```
.background{ background-color:#2E6955 }
```

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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