

Converting Colors

Hex(2E6252)

Have a look what the booklet for
Hex(2E6252) contains.

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Color

Hex(2E6252)

Conversions

Conversions Part 1

Format	Color
Hex	2E6252
RGB	46, 98, 82
RGB Percent	18%, 38%, 32%
CMY	0.8196, 0.6157, 0.6784
CMYK	0.53, 0.00, 0.16, 0.62
HSL	162°, 36%, 28%
HSV	162°, 53%, 38%
XYZ	7.0174, 9.9254, 9.5286
YIQ	80.6280, -25.8560, -16.0000

Conversions

Conversions Part 2

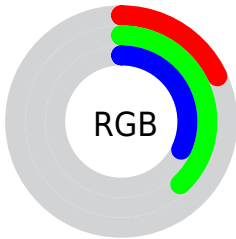
Format	Color
R_{YB}	46, 77, 98
Decimal	3039826
CIE _{Lab}	37.71, -21.74, 3.81
CIE _{LCh}	38, 22.075, 170.072
Yxy	9.9254, 0.2651, 0.3749
Android (android.graphics.Color)	4281229906 (0xFF2E6252)
YUV	80.6280, 0.6764, -30.3688
Hunter-Lab	31.5046, -15.3737, 4.1209




Details

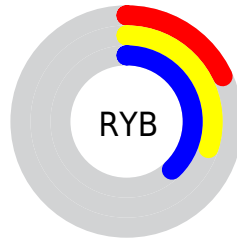
The Hex color **2E6252** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **622E3E**, and the grayscale version is **515151**.


A 20% lighter version of the original color is **609583**, and **003325** is the 20% darker color. If you saturate the color by 10%, you get **24624F**, and if you desaturate by 10%, it is **386255**.

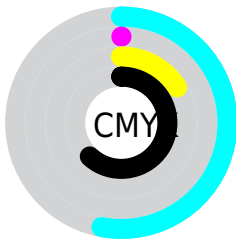
Distribution







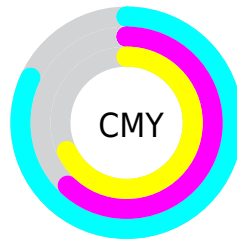
-  Red (18%)
-  Green (38%)
-  Blue (32%)






-  Red (18%)
-  Yellow (30%)
-  Blue (38%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (62%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6252 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 2E6252 by changing the saturation by 10% instead.



2E6252



2E6252

FFFFFF



144A3B



609583



003325



7AB09D



001F11



95CBB8



000000



B0E8D4



CCFFF0



E8FFFF



2E6252



2E6252



24624F



386255

■ 1A624C

■ 426258

■ 116249

■ 4B625B

■ 076246

■ 55625E

■ 006244

■ 5F6261

■ 696264

■ 736267

■ 7C626A

■ 86626D

Harmonies

Analogous

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



446041



2E6252



196264

Triad

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



2E6252



52567A



77503E

Complementary

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



2E6252



622E3E

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.



7C4C4D



2E6252



695070

Square

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



2E6252



365C7C



784C5F



6A5636

Rectangle

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



2E6252



16616F



784C5F



794E43

Sweetspot

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



2E6252



6B8079



3E622E



34403C



BFBFBF



404040

Same Dimension

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



2E6252



2E8066



2E5862



2C302F



00704E



00F0A6

Inverse Universe

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



622E3E



802E47



62382E



302C2D



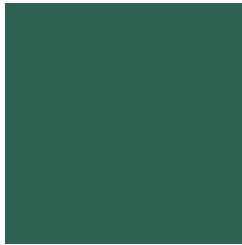
700023



F0004A

Previews

White Background



This preview shows how the Hex color 2E6252 looks on a white background.

Color Contrast Check

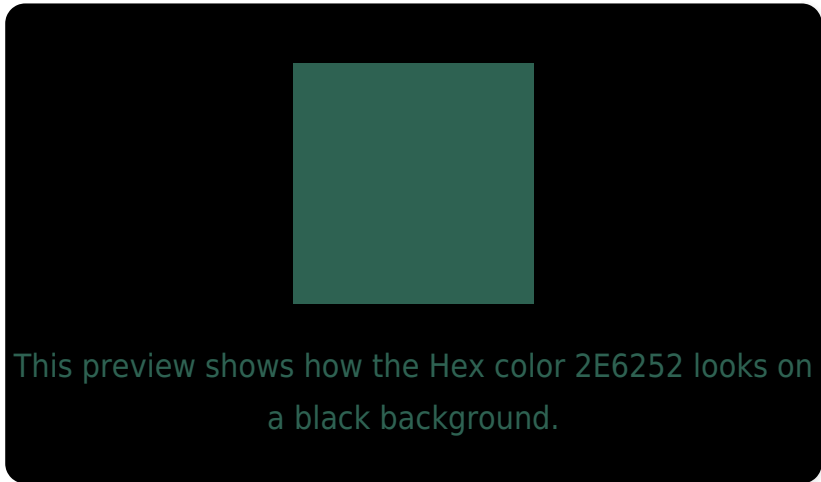
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

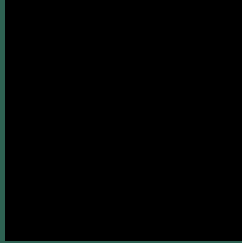
Any Text WCAG AA × Fail

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 2E6252 Background



This preview shows how black text looks on a background with the Hex color 2E6252.



This preview shows how white text looks on a background with the Hex color 2E6252.

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
2E6252

Protanopia
5D584D

Deuteranopia
625555



Tritanopia
345F67

Trichromacy



Original Color
2E6252

Protanomaly
4C5C4F

Deuteranomaly
4F5A54

Tritanomaly
32605F

Monochromacy



Original Color
2E6252

Achromatopsia
515151

Achromatomaly
445751

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6252 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 #2E6252 looks like.

```
.text, #text, p{  
    color:#2E6252  
}
```

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 #2E6252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6252
}
```

Border

The CSS property to change the border of an element to Hex 2E6252 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
#2E6252 }
```

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

```
.border{ border-color:#2E6252 }
```

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

Here you see how a box with a 4 pixel #2E6252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6252; -webkit-box-shadow:4px 4px  
4px 4px #2E6252; box-shadow:4px 4px 4px  
4px #2E6252 }
```

Background

The CSS property to change the background color of an element to Hex 2E6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6252 }
```

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

```
.background{ background-color:#2E6252 }
```

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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