

Converting Colors

Hex(2E7053)

Have a look what the booklet for
Hex(2E7053) contains.

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Color

Hex(2E7053)

Conversions

Conversions Part 1

Format	Color
Hex	2E7053
RGB	46, 112, 83
RGB Percent	18%, 44%, 33%
CMY	0.8196, 0.5608, 0.6745
CMYK	0.59, 0.00, 0.26, 0.56
HSL	154°, 42%, 31%
HSV	154°, 59%, 44%
XYZ	8.4822, 12.7937, 10.2060
YIQ	88.9600, -30.0270, -23.0110

Conversions

Conversions Part 2

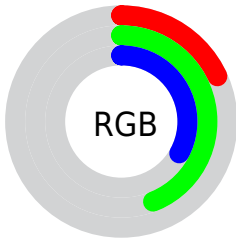
Format	Color
R_{YB}	46, 88, 112
Decimal	3043411
CIE _{Lab}	42.45, -28.50, 9.93
CIE _{LCh}	42, 30.182, 160.799
Y _{xy}	12.7937, 0.2694, 0.4064
Android (android.graphics.Color)	4281233491 (0xFF2E7053)
YUV	88.9600, -2.9383, -37.6759
Hunter-Lab	35.7683, -20.2644, 8.1202

Details

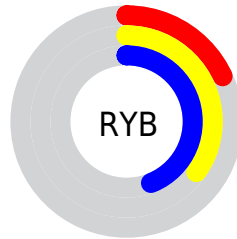
The Hex color **2E7053** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **702E4B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **62A485**, and **003F26** is the 20% darker color. If you saturate the color by 10%, you get **23704E**, and if you desaturate by 10%, it is **397058**.

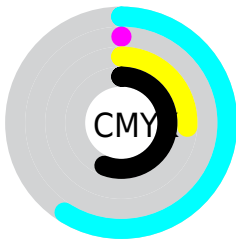
Distribution



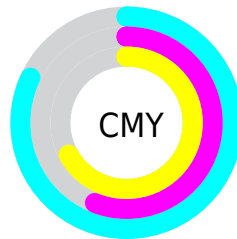
- Red (18%)
- Green (44%)
- Blue (33%)



- Red (18%)
- Yellow (35%)
- Blue (44%)



- Cyan (59%)
- Magenta (0%)
- Yellow (26%)
- Black (56%)



- Cyan (82%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2E7053 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 2E7053 by changing the saturation by 10% instead.

 2E7053

 2E7053

FFFFFF

 11573C

 62A485

 003F26

 7DC09F

 002912

 97DCBA

 001000

 B3F8D5

 000000

 CFFFF2

 EFFFFF

 2E7053

 2E7053

 23704E

 397058

■ 187049

■ 44705D

■ 0C7044

■ 507062

■ 01703F

■ 5B7067

■ 00703F

■ 66706C

■ 717071

■ 7C7075

■ 88707A

■ 93707F

Harmonies

Analogous

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



506C3D



2E7053



00716D

Triad

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



2E7053



4D6495



905545

Complementary

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



2E7053



702E4B

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.



94505C



2E7053



725A8A

Square

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



2E7053



126B93



8A5275



815D35

Rectangle

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



2E7053



00717D



8A5275



93524C

Sweetspot

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



2E7053



779186



4C702E



3A4A43



C9C9C9



4A4A4A

Same Dimension

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



2E7053



2A9164



2E6D70



323836



007843



00F78B

Inverse Universe

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



702E4B



912A57



70312E



383235



780035



F7006D

Previews

White Background



This preview shows how the Hex color 2E7053 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

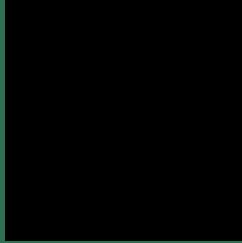
Any Text WCAG AA × Fail

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 2E7053 Background



This preview shows how black text looks on a background with the Hex color 2E7053.



This preview shows how white text looks on a background with the Hex color 2E7053.

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
2E7053

Protanopia
6A644D

Deuteranopia
726056



Tritanopia
396C74

Trichromacy



Original Color
2E7053

Protanomaly
54684F

Deuteranomaly
596655

Tritanomaly
356D68

Monochromacy



Original Color
2E7053

Achromatopsia
595959

Achromatomaly
496157

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7053 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 #2E7053 looks like.

```
.text, #text, p{  
    color:#2E7053  
}
```

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 #2E7053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7053
}
```

Border

The CSS property to change the border of an element to Hex 2E7053 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".

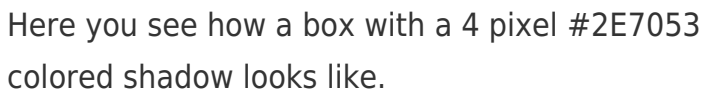
```
.border, #border, table{ border:4px solid
#2E7053 }
```

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

```
.border{ border-color:#2E7053 }
```

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

Here you see how a box with a 4 pixel #2E7053 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7053; -webkit-box-shadow:4px 4px  
4px 4px #2E7053; box-shadow:4px 4px 4px  
4px #2E7053 }
```

Background

The CSS property to change the background color of an element to Hex 2E7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7053 }
```

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

```
.background{ background-color:#2E7053 }
```

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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