

Converting Colors

Hex(2E7250)

Have a look what the booklet for
Hex(2E7250) contains.

Hex(2E7250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E7250)

Conversions

Conversions Part 1

Format	Color
Hex	2E7250
RGB	46, 114, 80
RGB Percent	18%, 45%, 31%
CMY	0.8196, 0.5529, 0.6863
CMYK	0.60, 0.00, 0.30, 0.55
HSL	150°, 43%, 31%
HSV	150°, 60%, 45%
XYZ	8.5920, 13.1947, 9.6834
YIQ	89.7920, -29.6140, -24.9900

Conversions

Conversions Part 2

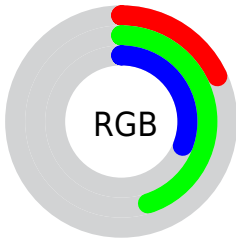
Format	Color
RYB	46, 91, 114
Decimal	3043920
CIELab	43.06, -30.15, 12.55
CIELCh	43, 32.655, 157.405
Yxy	13.1947, 0.2730, 0.4193
Android (android.graphics.Color)	4281234000 (0xFF2E7250)
YUV	89.7920, -4.8275, -38.4056
Hunter-Lab	36.3245, -21.3463, 9.6216

Details

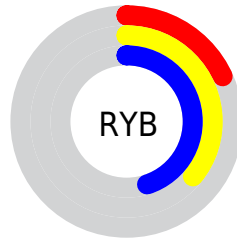
The Hex color **2E7250** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **722E50**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **62A681**, and **004123** is the 20% darker color. If you saturate the color by 10%, you get **23724A**, and if you desaturate by 10%, it is **397256**.

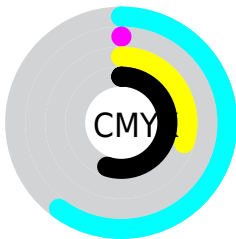
Distribution



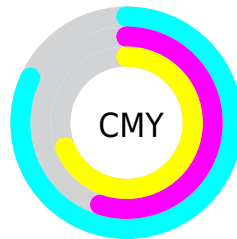
- Red (18%)
- Green (45%)
- Blue (31%)



- Red (18%)
- Yellow (36%)
- Blue (45%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7250 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 2E7250 by changing the saturation by 10% instead.

 2E7250

 2E7250

FFFFFF

 105939

 62A681

 004123

 7DC29B

 002A0E

 98DEB6

 001300

 B4FBD2

 000000

 D0FFEE

 EDFFFF

 2E7250

 2E7250

 23724A

 397256

■ 177245

■ 45725B

■ 0C723F

■ 507261

■ 007239

■ 5C7267

■ 67726D

■ 727272

■ 7E7278

■ 89727E

■ 957283

Harmonies

Analogous

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



536E39



2E7250



00746C

Triad

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



2E7250



45669B



965446

Complementary

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



2E7250



722E50

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.



984F60



2E7250



715C91

Square

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



2E7250



006E97



8C537B



875D34

Rectangle

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



2E7250



00737E



8C537B



98514E

Sweetspot

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



2E7250



799487



50722E



3A4A42



C9C9C9



4A4A4A

Same Dimension

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



2E7250



29945F



2E7272



323835



00783C



00F77C

Inverse Universe

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



722E50



94295F



722E2E



383235



78003C



F7007C

Previews

White Background



This preview shows how the Hex color 2E7250 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

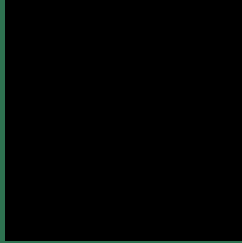
Any Text WCAG AA × Fail

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 2E7250 Background



This preview shows how black text looks on a background with the Hex color 2E7250.



This preview shows how white text looks on a background with the Hex color 2E7250.

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
2E7250

Protanopia
6D654A

Deuteranopia
756154



Tritanopia
3A6D76

Trichromacy



Original Color
2E7250

Protanomaly
566A4C

Deuteranomaly
5B6753

Tritanomaly
366F68

Monochromacy



Original Color
2E7250

Achromatopsia
5A5A5A

Achromatomaly
4A6356

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7250 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 #2E7250 looks like.

```
.text, #text, p{  
    color:#2E7250  
}
```

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 #2E7250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7250
}
```

Border

The CSS property to change the border of an element to Hex 2E7250 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
#2E7250 }
```

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

```
.border{ border-color:#2E7250 }
```

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

Here you see how a box with a 4 pixel #2E7250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7250; -webkit-box-shadow:4px 4px  
4px 4px #2E7250; box-shadow:4px 4px 4px  
4px #2E7250 }
```

Background

The CSS property to change the background color of an element to Hex 2E7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7250 }
```

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

```
.background{ background-color:#2E7250 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor