

Converting Colors

Hex(2E8B54)

Have a look what the booklet for
Hex(2E8B54) contains.

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Color

Hex(2E8B54)

Conversions

Conversions Part 1

Format	Color
Hex	2E8B54
RGB	46, 139, 84
RGB Percent	18%, 55%, 33%
CMY	0.8196, 0.4549, 0.6706
CMYK	0.67, 0.00, 0.40, 0.45
HSL	145°, 50%, 36%
HSV	145°, 67%, 55%
XYZ	11.9596, 19.6862, 11.5570
YIQ	104.9230, -37.7730, -36.8210

Conversions

Conversions Part 2

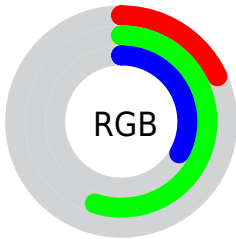
Format	Color
RYB	46, 112, 139
Decimal	3050324
CIELab	51.48, -40.31, 21.65
CIElCh	51, 45.760, 151.761
Yxy	19.6862, 0.2768, 0.4557
Android (android.graphics.Color)	4281240404 (0xFF2E8B54)
YUV	104.9230, -10.3150, -51.6755
Hunter-Lab	44.3691, -29.5318, 15.6149

Details

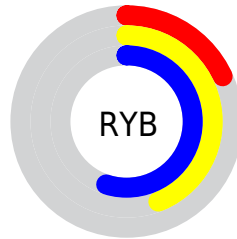
The Hex color **2E8B54** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B2E65**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **67C186**, and **005826** is the 20% darker color. If you saturate the color by 10%, you get **208B4C**, and if you desaturate by 10%, it is **3C8B5C**.

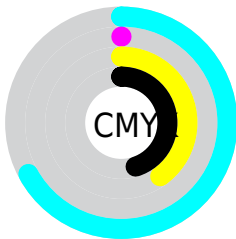
Distribution



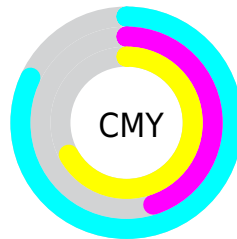
- Red (18%)
- Green (55%)
- Blue (33%)



- Red (18%)
- Yellow (44%)
- Blue (55%)



- Cyan (67%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8B54 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 2E8B54 by changing the saturation by 10% instead.



2E8B54



2E8B54

FFFFFF



05713C



67C186



005826



83DEA0



004010



9EFABC



002A00



BBFFD7



000A00



D8FFF4



000000



F5FFFF



2E8B54



2E8B54



208B4C



3C8B5C

■ 128B44

■ 4A8B64

■ 048B3B

■ 588B6D

■ 008B39

■ 668B75

■ 738B7D

■ 818B85

■ 8F8B8E

■ 9D8B96

■ AB8B9E

Harmonies

Analogous

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



668434



2E8B54



008E7C

Triad

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



2E8B54



2A7EC9



C05D54

Complementary

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



2E8B54



8B2E65

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.



C1587A



2E8B54



7F6FBD

Square

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



2E8B54



0088BF



AC60A0



AD6B35

Rectangle

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



2E8B54



008E96



AC60A0



C35A60

Sweetspot

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



2E8B54



91B5A0



668B2E



465C4F



DBDBDB



5C5C5C

Same Dimension

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



2E8B54



24B55F



2E8B82



3E4541



008536



000502

Inverse Universe

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



8B2E65



B5247A



8B2E37



453E42



85004E



050003

Previews

White Background



This preview shows how the Hex color 2E8B54 looks on a white background.

Color Contrast Check

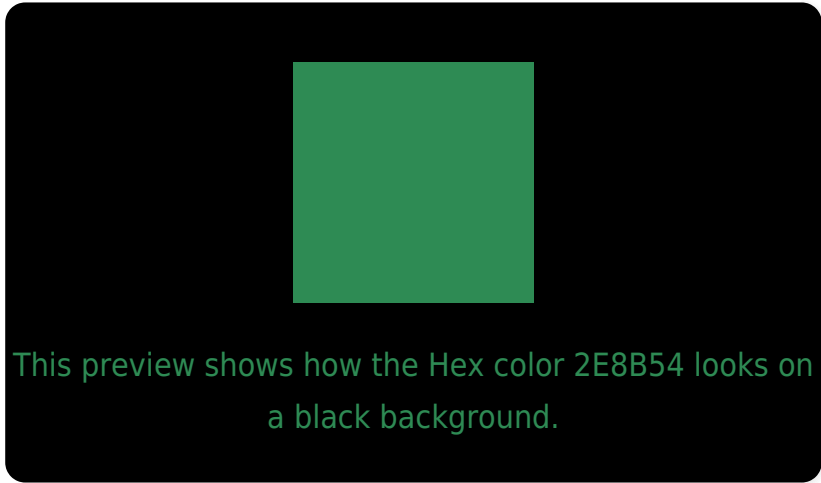
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

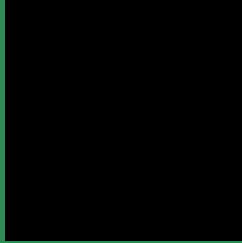
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E8B54 Background



This preview shows how black text looks on a background with the Hex color 2E8B54.

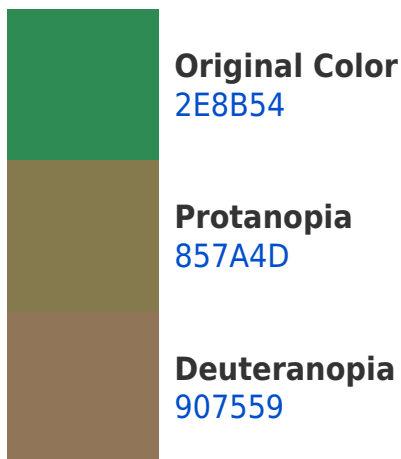



This preview shows how white text looks on a background with the Hex color 2E8B54.

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





Tritanopia
42848F

Trichromacy



Original Color
2E8B54



Protanomaly
658050



Deuteranomaly
6C7D57



Tritanomaly
3B877A

Monochromacy



Original Color
2E8B54



Achromatopsia
696969



Achromatomaly
547561

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8B54 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 #2E8B54 looks like.

```
.text, #text, p{  
    color:#2E8B54  
}
```

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 #2E8B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8B54
}
```

Border

The CSS property to change the border of an element to Hex 2E8B54 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
#2E8B54 }
```

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

```
.border{ border-color:#2E8B54 }
```

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

Here you see how a box with a 4 pixel #2E8B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8B54; -webkit-box-shadow:4px 4px  
4px 4px #2E8B54; box-shadow:4px 4px 4px  
4px #2E8B54 }
```

Background

The CSS property to change the background color of an element to Hex 2E8B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8B54 }
```

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

```
.background{ background-color:#2E8B54 }
```

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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