

Converting Colors

Hex(2E9444)

Have a look what the booklet for
Hex(2E9444) contains.

Hex(2E9444)	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(2E9444)

Conversions

Conversions Part 1

Format	Color
Hex	2E9444
RGB	46, 148, 68
RGB Percent	18%, 58%, 27%
CMY	0.8196, 0.4196, 0.7333
CMYK	0.69, 0.00, 0.54, 0.42
HSL	133°, 53%, 38%
HSV	133°, 69%, 58%
XYZ	12.7600, 22.1780, 9.0771
YIQ	108.3820, -35.1120, -46.5040

Conversions

Conversions Part 2

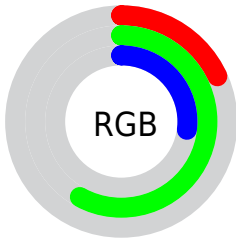
Format	Color
RYB	46, 130, 148
Decimal	3052612
CIELab	54.22, -46.63, 33.69
CIELCh	54, 57.530, 144.152
Yxy	22.1780, 0.2899, 0.5039
Android (android.graphics.Color)	4281242692 (0xFF2E9444)
YUV	108.3820, -19.9083, -54.7090
Hunter-Lab	47.0935, -34.0491, 21.5375

Details

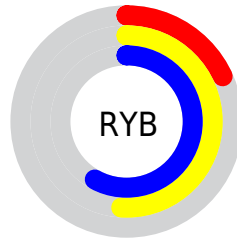
The Hex color **2E9444** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **942E7E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **69CB76**, and **006014** is the 20% darker color. If you saturate the color by 10%, you get **1F9438**, and if you desaturate by 10%, it is **3D9450**.

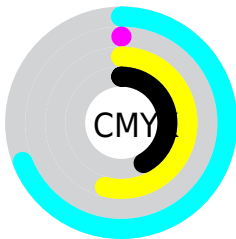
Distribution



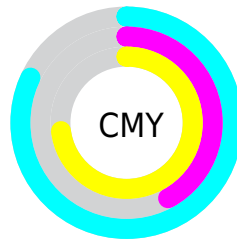
- Red (18%)
- Green (58%)
- Blue (27%)



- Red (18%)
- Yellow (51%)
- Blue (58%)



- Cyan (69%)
- Magenta (0%)
- Yellow (54%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9444 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 2E9444 by changing the saturation by 10% instead.

■ 2E9444

■ 2E9444

FFFFFF

■ 007A2C

■ 69CB76

■ 006014

■ 85E890

■ 004700

■ A2FFAB

■ 003000

■ BEFFC7

■ 001700

■ DCFE3

■ 000000

■ F9FFFF

■ 2E9444

■ 2E9444

■ 1F9438

■ 3D9450

■ 10942D

■ 4C945B

■ 029421

■ 5A9467

■ 009420

■ 699472

■ 78947E

■ 87948A

■ 969495

■ A494A1

■ B394AC

Harmonies

Analogous

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



738B1A



2E9444



009876

Triad

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



2E9444



008AE5



DA555C

Complementary

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



2E9444



942E7E

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.



D5528E



2E9444



6F79DD

Square

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



2E9444



0095D2



B462BD



C76831

Rectangle

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



2E9444



009998



B462BD



DB526C

Sweetspot

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



2E9444



97BFA0



80942E



49614E



E0E0E0



616161

Same Dimension

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



2E9444



21BF43



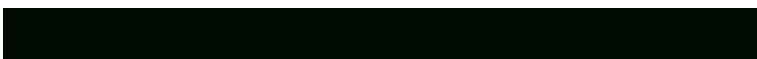
2E9475



434A44



008A1E



000A02

Inverse Universe

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



942E7E



BF219D



942E4D



4A4348



8A006C



0A0008

Previews

White Background



This preview shows how the Hex color 2E9444 looks on a white background.

Color Contrast Check

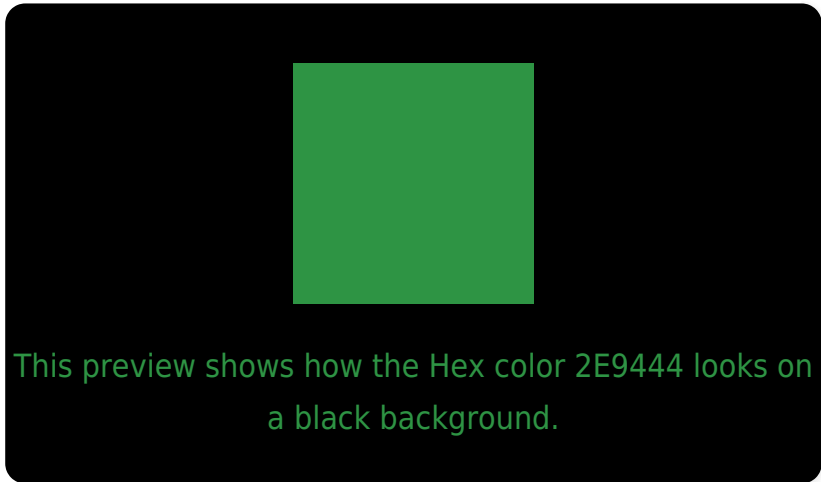
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9444 Background



This preview shows how black text looks on a background with the Hex color 2E9444.



This preview shows how white text looks on a background with the Hex color 2E9444.

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
2E9444

Protanopia
8F813E

Deuteranopia
9D7B4B



Tritanopia
488B96

Trichromacy



Original Color
2E9444



Protanomaly
6C8840



Deuteranomaly
758448



Tritanomaly
3F8E78

Monochromacy



Original Color
2E9444



Achromatopsia
6C6C6C



Achromatomaly
557B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9444 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 #2E9444 looks like.

```
.text, #text, p{  
    color:#2E9444  
}
```

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 #2E9444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9444
}
```

Border

The CSS property to change the border of an element to Hex 2E9444 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
#2E9444 }
```

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

```
.border{ border-color:#2E9444 }
```

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

Here you see how a box with a 4 pixel #2E9444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9444; -webkit-box-shadow:4px 4px  
4px 4px #2E9444; box-shadow:4px 4px 4px  
4px #2E9444 }
```

Background

The CSS property to change the background color of an element to Hex 2E9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9444 }
```

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

```
.background{ background-color:#2E9444 }
```

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