

Converting Colors

Hex(2E8F24)

Have a look what the booklet for
Hex(2E8F24) contains.

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Color

Hex(2E8F24)

Conversions

Conversions Part 1

Format	Color
Hex	2E8F24
RGB	46, 143, 36
RGB Percent	18%, 56%, 14%
CMY	0.8196, 0.4392, 0.8588
CMYK	0.68, 0.00, 0.75, 0.44
HSL	114°, 60%, 35%
HSV	114°, 75%, 56%
XYZ	11.2676, 20.3531, 5.0038
YIQ	101.7990, -23.4650, -53.8410

Conversions

Conversions Part 2

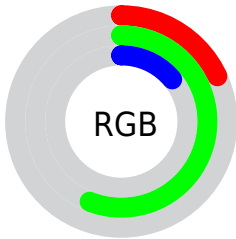
Format	Color
RYB	36, 143, 133
Decimal	3051300
CIELab	52.23, -48.49, 46.01
CIELCh	52, 66.843, 136.505
Yxy	20.3531, 0.3077, 0.5557
Android (android.graphics.Color)	4281241380 (0xFF2E8F24)
YUV	101.7990, -32.4389, -48.9357
Hunter-Lab	45.1145, -34.3688, 25.0041

Details

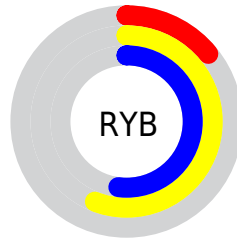
The Hex color **2E8F24** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **85248F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6AC658**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **218F16**, and if you desaturate by 10%, it is **3B8F32**.

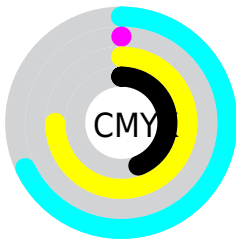
Distribution



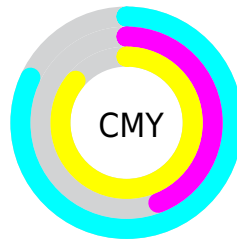
- Red (18%)
- Green (56%)
- Blue (14%)



- Red (14%)
- Yellow (56%)
- Blue (52%)



- Cyan (68%)
- Magenta (0%)
- Yellow (75%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8F24 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 2E8F24 by changing the saturation by 10% instead.



2E8F24



2E8F24

FFFFFF



007503



6AC658



005B00



86E272



004300



A2FF8D



002D00



BFFFA8



000F00



DCFFC4



000000



FAFFE0



FFFFFFD



2E8F24



2E8F24

■ 218F16

■ 3B8F32

■ 148F07

■ 488F41

■ 0D8F00

■ 558F4F

■ 628F5D

■ 6F8F6C

■ 7C8F7A

■ 898F88

■ 968F96

■ A38FA5

Harmonies

Analogous

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



798400



2E8F24



009560

Triad

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



2E8F24



008BED



E13E60

Complementary

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



2E8F24



85248F

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.



D54299



2E8F24



3579EC

Square

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



2E8F24



0094CF



A65DCC



D1562A

Rectangle

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



2E8F24



009688



A65DCC



E13B73

Sweetspot

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



2E8F24



95BA91



8F8424



485E46



DEDEDE



5E5E5E

Same Dimension

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



2E8F24



22BA13



248F4F



414740



0D8700



010800

Inverse Universe

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



85248F



AA13BA



8F2464



474047



7B0087



070008

Previews

White Background



This preview shows how the Hex color 2E8F24 looks on a white background.

Color Contrast Check

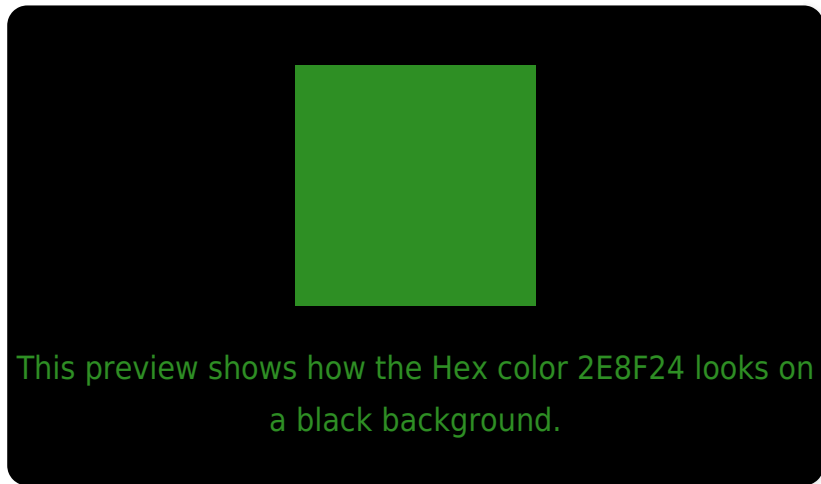
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E8F24 Background



This preview shows how black text looks on a background with the Hex color 2E8F24.



This preview shows how white text looks on a background with the Hex color 2E8F24.

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
2E8F24

Protanopia
8B7C1F

Deuteranopia
9A762E



Tritanopia
498590

Trichromacy



Original Color

2E8F24



Protanomaly

698321



Deuteranomaly

737F2A



Tritanomaly

3F8969

Monochromacy



Original Color

2E8F24



Achromatopsia

666666



Achromatomaly

52754E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8F24 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 #2E8F24 looks like.

```
.text, #text, p{  
    color:#2E8F24  
}
```

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 #2E8F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8F24
}
```

Border

The CSS property to change the border of an element to Hex 2E8F24 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".

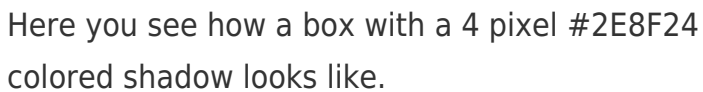
```
.border, #border, table{ border:4px solid
#2E8F24 }
```

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

```
.border{ border-color:#2E8F24 }
```

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

Here you see how a box with a 4 pixel #2E8F24 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is visible on the right and bottom edges of the box, demonstrating the effect of the CSS box-shadow property.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8F24; -webkit-box-shadow:4px 4px  
4px 4px #2E8F24; box-shadow:4px 4px 4px  
4px #2E8F24 }
```

Background

The CSS property to change the background color of an element to Hex 2E8F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8F24 }
```

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

```
.background{ background-color:#2E8F24 }
```

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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