

Converting Colors

Hex(2E8C1D)

Have a look what the booklet for
Hex(2E8C1D) contains.

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Color

Hex(2E8C1D)

Conversions

Conversions Part 1

Format	Color
Hex	2E8C1D
RGB	46, 140, 29
RGB Percent	18%, 55%, 11%
CMY	0.8196, 0.4510, 0.8863
CMYK	0.67, 0.00, 0.79, 0.45
HSL	111°, 66%, 33%
HSV	111°, 79%, 55%
XYZ	10.7266, 19.4257, 4.3466
YIQ	99.2400, -20.3930, -54.4490

Conversions

Conversions Part 2

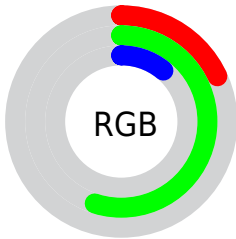
Format	Color
R_{YB}	29, 140, 123
Decimal	3050525
CIE _{Lab}	51.18, -47.95, 47.48
CIE _{LCh}	51, 67.478, 135.284
Yxy	19.4257, 0.3109, 0.5631
Android (android.graphics.Color)	4281240605 (0xFF2E8C1D)
YUV	99.2400, -34.6283, -46.6915
Hunter-Lab	44.0746, -33.6885, 25.0051

Details

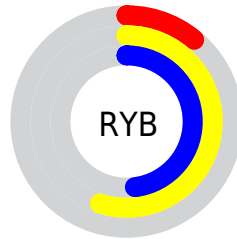
The Hex color **2E8C1D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7B1D8C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **69C352**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **228C0F**, and if you desaturate by 10%, it is **3A8C2B**.

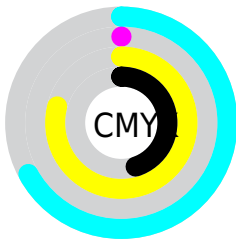
Distribution



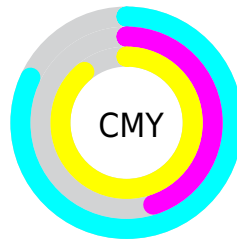
- Red (18%)
- Green (55%)
- Blue (11%)



- Red (11%)
- Yellow (55%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (79%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8C1D 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 2E8C1D by changing the saturation by 10% instead.



2E8C1D



2E8C1D

FFFFFF



007200



69C352



005900



85DF6C



004000



A2FC87



002B00



BFFFA2



000800



DCFFBE



000000



FAFFDA



FFFFFF7



2E8C1D



2E8C1D

■ 228C0F

■ 3A8C2B

■ 168C01

■ 468C39

■ 158C00

■ 528C47

■ 5D8C55

■ 698C63

■ 758C71

■ 818C7F

■ 8D8C8D

■ 998C9B

Harmonies

Analogous

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



788000



2E8C1D



00925B

Triad

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



2E8C1D



0089EA



DF395F

Complementary

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



2E8C1D



7B1D8C

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.



D23E99



2E8C1D



2177EA

Square

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



2E8C1D



0091CB



A05BCC



CF5228

Rectangle

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



2E8C1D



009383



A05BCC



DE3672

Sweetspot

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



2E8C1D



90B58A



8C7A1D



455C41



DBDBDB



5C5C5C

Same Dimension

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



2E8C1D



23B509



1D8C42



3F453E



148500



010500

Inverse Universe

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



7B1D8C



9B09B5



8C1D67



443E45



700085



040005

Previews

White Background



This preview shows how the Hex color 2E8C1D looks on a white background.

Color Contrast Check

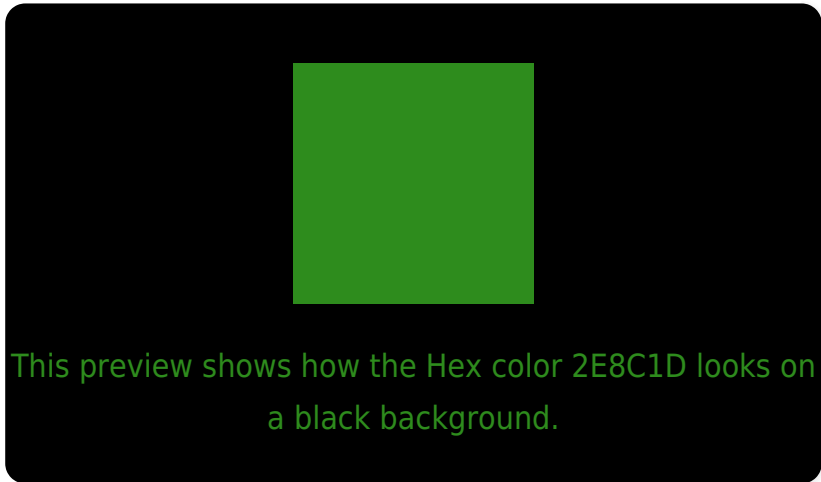
Large Text (above 18pt) WCAG AA ✓ Pass

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

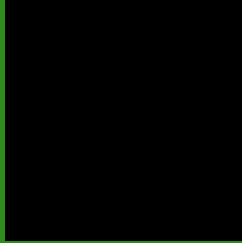
Any Text WCAG AA ✓ Pass

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 2E8C1D Background



This preview shows how black text looks on a background with the Hex color 2E8C1D.



This preview shows how white text looks on a background with the Hex color 2E8C1D.

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
2E8C1D

Protanopia
887918

Deuteranopia
987329



Tritanopia
48828D

Trichromacy



Original Color
2E8C1D



Protanomaly
67801A



Deuteranomaly
717C25



Tritanomaly
3F8664

Monochromacy



Original Color
2E8C1D



Achromatopsia
636363



Achromatomaly
50724A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8C1D 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 #2E8C1D looks like.

```
.text, #text, p{  
    color:#2E8C1D  
}
```

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 #2E8C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8C1D
}
```

Border

The CSS property to change the border of an element to Hex 2E8C1D 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
#2E8C1D }
```

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

```
.border{ border-color:#2E8C1D }
```

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

Here you see how a box with a 4 pixel #2E8C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8C1D; -webkit-box-shadow:4px 4px  
4px 4px #2E8C1D; box-shadow:4px 4px 4px  
4px #2E8C1D }
```

Background

The CSS property to change the background color of an element to Hex 2E8C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8C1D }
```

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

```
.background{ background-color:#2E8C1D }
```

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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