

Converting Colors

Hex(2E4217)

Have a look what the booklet for
Hex(2E4217) contains.

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Color

Hex(2E4217)

Conversions

Conversions Part 1

Format	Color
Hex	2E4217
RGB	46, 66, 23
RGB Percent	18%, 26%, 9%
CMY	0.8196, 0.7412, 0.9098
CMYK	0.30, 0.00, 0.65, 0.74
HSL	88°, 48%, 17%
HSV	88°, 65%, 26%
XYZ	3.2296, 4.5391, 1.5165
YIQ	55.1180, 1.8830, -17.6130

Conversions

Conversions Part 2

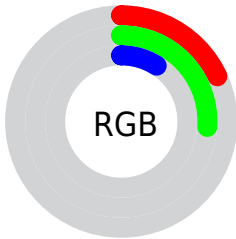
Format	Color
R_{YB}	23, 66, 43
Decimal	3031575
CIE _{Lab}	25.38, -16.41, 23.22
CIE _{LCh}	25, 28.437, 125.249
Yxy	4.5391, 0.3478, 0.4889
Android (android.graphics.Color)	4281221655 (0xFF2E4217)
YUV	55.1180, -15.8342, -7.9965
Hunter-Lab	21.3052, -10.2260, 10.6933

Details

The Hex color **2E4217** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B1742**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5D7244**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **2B4210**, and if you desaturate by 10%, it is **31421E**.

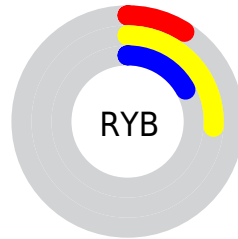
Distribution



Red (18%)

Green (26%)

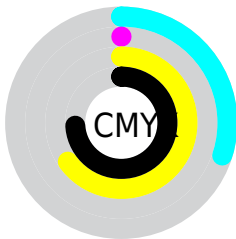
Blue (9%)



Red (9%)

Yellow (26%)

Blue (17%)

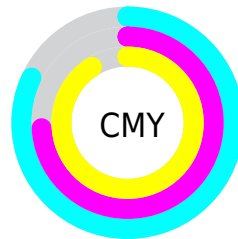


Cyan (30%)

Magenta (0%)

Yellow (65%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4217 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 2E4217 by changing the saturation by 10% instead.



2E4217



2E4217

FFFFFFD



192C00



5D7244



001900



778C5C



000000



91A675



ABC18E



C7DDA9



E3FAC4



FFFFE0



2E4217



2E4217

■ 2B4210

■ 31421E

■ 28420A

■ 344224

■ 254203

■ 37422B

■ 234200

■ 3A4231

■ 3D4238

■ 40423F

■ 434245

■ 47424C

■ 4A4252

Harmonies

Analogous

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



443C0E



2E4217



0B4529

Triad

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



2E4217



004363



632939

Complementary

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



2E4217



2B1742

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.



592C4F



2E4217



183D67

Square

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



2E4217



004654



42355F



612D24

Rectangle

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



2E4217



004738



42355F



612941

Sweetspot

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



2E4217



4F5745



422A17



272B21



ABABAB



2B2B2B

Same Dimension

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



2E4217



375713



194217



20211E



346100



78E000

Inverse Universe

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



2B1742



331357



401742



1F1E21



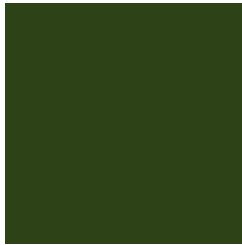
2D0061



6800E0

Previews

White Background



This preview shows how the Hex color 2E4217 looks on a white background.

Color Contrast Check

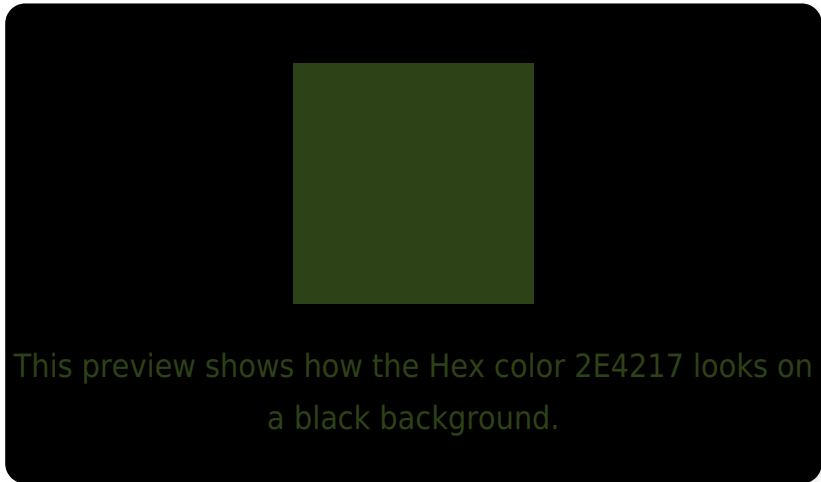
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

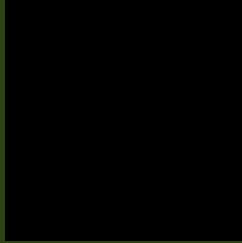
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

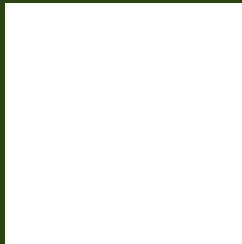
Any Text WCAG AAA × Fail

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

Hex 2E4217 Background



This preview shows how black text looks on a background with the Hex color 2E4217.



This preview shows how white text looks on a background with the Hex color 2E4217.

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](#).

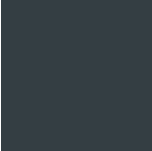
Dichromacy



Original Color
2E4217

Protanopia
433C15

Deuteranopia
4B391A



Tritanopia
343E43

Trichromacy



Original Color
2E4217

Protanomaly
3B3E16

Deuteranomaly
403C19

Tritanomaly
323F33

Monochromacy



Original Color
2E4217

Achromatopsia
373737

Achromatomaly
343B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4217 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 #2E4217 looks like.

```
.text, #text, p{  
    color:#2E4217  
}
```

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 #2E4217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4217
}
```

Border

The CSS property to change the border of an element to Hex 2E4217 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".

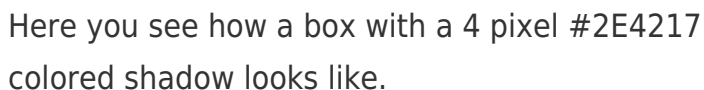
```
.border, #border, table{ border:4px solid
#2E4217 }
```

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

```
.border{ border-color:#2E4217 }
```

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

Here you see how a box with a 4 pixel #2E4217 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4217; -webkit-box-shadow:4px 4px  
4px 4px #2E4217; box-shadow:4px 4px 4px  
4px #2E4217 }
```

Background

The CSS property to change the background color of an element to Hex 2E4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4217 }
```

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

```
.background{ background-color:#2E4217 }
```

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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