

Converting Colors

Hex(2E4B28)

Have a look what the booklet for
Hex(2E4B28) contains.

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Color

Hex(2E4B28)

Conversions

Conversions Part 1

Format	Color
Hex	2E4B28
RGB	46, 75, 40
RGB Percent	18%, 29%, 16%
CMY	0.8196, 0.7059, 0.8431
CMYK	0.39, 0.00, 0.47, 0.71
HSL	110°, 30%, 23%
HSV	110°, 47%, 29%
XYZ	4.0258, 5.7662, 2.9083
YIQ	62.3390, -6.0490, -17.0330

Conversions

Conversions Part 2

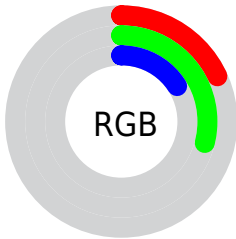
Format	Color
RYB	40, 75, 69
Decimal	3033896
CIELab	28.81, -18.88, 17.48
CIELCh	29, 25.728, 137.196
Yxy	5.7662, 0.3170, 0.4540
Android (android.graphics.Color)	4281223976 (0xFF2E4B28)
YUV	62.3390, -11.0131, -14.3293
Hunter-Lab	24.0129, -12.0968, 9.6282

Details

The Hex color **2E4B28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45284B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5D7C56**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **284B21**, and if you desaturate by 10%, it is **344B30**.

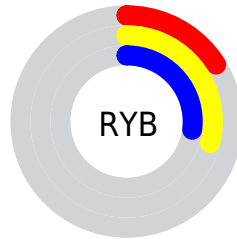
Distribution



Red (18%)

Green (29%)

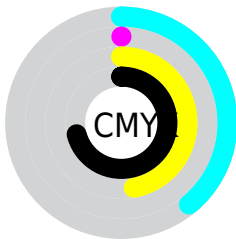
Blue (16%)



Red (16%)

Yellow (29%)

Blue (27%)

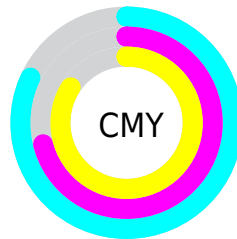


Cyan (39%)

Magenta (0%)

Yellow (47%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4B28 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 2E4B28 by changing the saturation by 10% instead.



2E4B28



2E4B28

FFFFFF



183413



5D7C56



001F00



77966E



000000



91B188



ABCCA2



C7E8BD



E3FFD9



FFFFFF5



2E4B28



2E4B28

■ 284B21

■ 344B30

■ 224B19

■ 3A4B37

■ 1B4B12

■ 414B3F

■ 154B0A

■ 474B46

■ 0F4B03

■ 4D4B4E

■ 0D4B00

■ 534B55

■ 5A4B5D

■ 604B64

■ 664B6C

Harmonies

Analogous

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



45461D



2E4B28



0B4E3A

Triad

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



2E4B28



03486A



6A3439

Complementary

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



2E4B28



45284B

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.



65344D



2E4B28



38426A

Square

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



2E4B28



004C61



543A5F



643928

Rectangle

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



2E4B28



004E48



543A5F



693340

Sweetspot

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



2E4B28



566153



4B4528



2A3028



B0B0B0



303030

Same Dimension

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



2E4B28



34612B



284B33



232622



116600



27E600

Inverse Universe

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



45284B



582B61



4B2840



262226



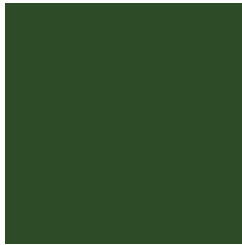
550066



BE00E6

Previews

White Background



This preview shows how the Hex color 2E4B28 looks on a white background.

Color Contrast Check

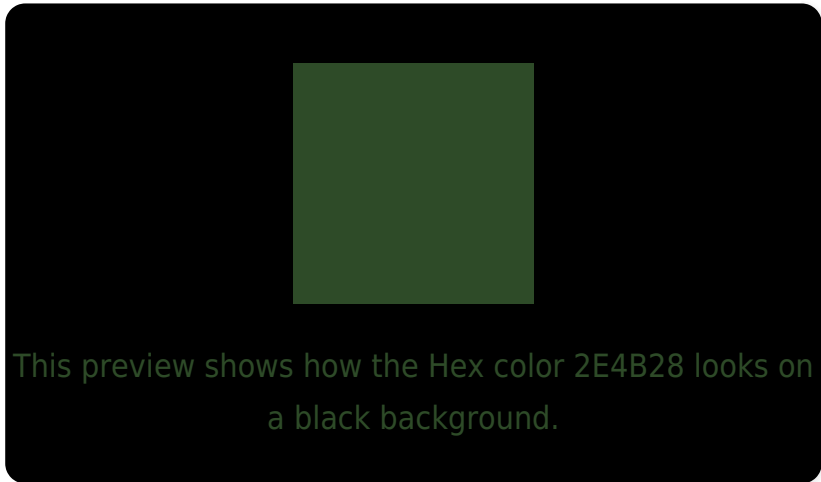
Large Text (above 18pt) WCAG AA ✓ Pass

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

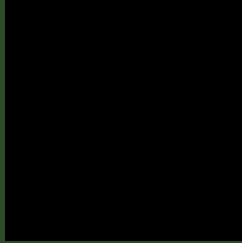
Any Text WCAG AA × Fail

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 2E4B28 Background



This preview shows how black text looks on a background with the Hex color 2E4B28.



This preview shows how white text looks on a background with the Hex color 2E4B28.

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
2E4B28

Protanopia
4B4425

Deuteranopia
52412A



Tritanopia
35474D

Trichromacy



Original Color
2E4B28

Protanomaly
404726

Deuteranomaly
454529

Tritanomaly
324840

Monochromacy



Original Color
2E4B28

Achromatopsia
3E3E3E

Achromatomaly
384336

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4B28 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 #2E4B28 looks like.

```
.text, #text, p{  
    color:#2E4B28  
}
```

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 #2E4B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4B28
}
```

Border

The CSS property to change the border of an element to Hex 2E4B28 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
#2E4B28 }
```

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

```
.border{ border-color:#2E4B28 }
```

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

Here you see how a box with a 4 pixel #2E4B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4B28; -webkit-box-shadow:4px 4px  
4px 4px #2E4B28; box-shadow:4px 4px 4px  
4px #2E4B28 }
```

Background

The CSS property to change the background color of an element to Hex 2E4B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4B28 }
```

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

```
.background{ background-color:#2E4B28 }
```

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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