

Converting Colors

Hex(2E5D17)

Have a look what the booklet for
Hex(2E5D17) contains.

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Color

Hex(2E5D17)

Conversions

Conversions Part 1

Format	Color
Hex	2E5D17
RGB	46, 93, 23
RGB Percent	18%, 36%, 9%
CMY	0.8196, 0.6353, 0.9098
CMYK	0.51, 0.00, 0.75, 0.64
HSL	100°, 60%, 23%
HSV	100°, 75%, 36%
XYZ	5.1957, 8.4714, 2.1719
YIQ	70.9670, -5.5420, -31.7340

Conversions

Conversions Part 2

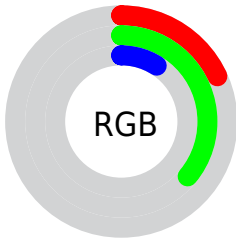
Format	Color
R_{YB}	23, 93, 70
Decimal	3038487
CIE Lab	34.95, -29.83, 33.60
CIE LCh	35, 44.932, 131.605
Yxy	8.4714, 0.3280, 0.5348
Android (android.graphics.Color)	4281228567 (0xFF2E5D17)
YUV	70.9670, -23.6477, -21.8961
Hunter-Lab	29.1057, -19.0705, 15.9497

Details

The Hex color **2E5D17** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **46175D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **619047**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **285D0E**, and if you desaturate by 10%, it is **345D20**.

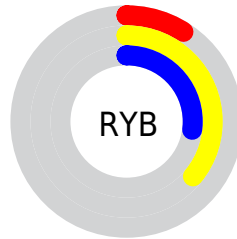
Distribution



Red (18%)

Green (36%)

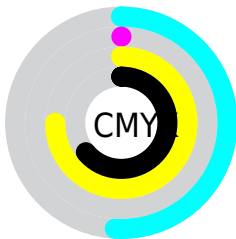
Blue (9%)



Red (9%)

Yellow (36%)

Blue (27%)

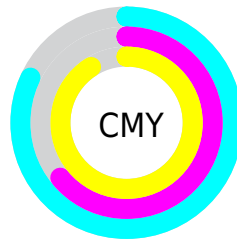


Cyan (51%)

Magenta (0%)

Yellow (75%)

Black (64%)



Cyan (82%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5D17 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 2E5D17 by changing the saturation by 10% instead.

 2E5D17

 2E5D17

FFFFFF

 144500

 619047

 002E00

 7BAB5F

 001A00

 96C679

 000000

 B1E293

 CDFFAE

 EAFFCA

 FFFFE6

 2E5D17

 2E5D17

■ 285D0E

■ 345D20

■ 225D04

■ 3A5D2A

■ 1F5D00

■ 415D33

■ 475D3C

■ 4D5D46

■ 535D4F

■ 5A5D58

■ 605D61

■ 665D6B

Harmonies

Analogous

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



565500



2E5D17



00613A

Triad

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



2E5D17



005C96



922D46

Complementary

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



2E5D17



46175D

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.



87326A



2E5D17



175299

Square

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



2E5D17



006181



654288



8B3924

Rectangle

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



2E5D17



006353



654288



912D52

Sweetspot

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



2E5D17



65785C



5D4617



323D2C



BDBDBD



3D3D3D

Same Dimension

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



2E5D17



2F780C



175D23



2B2E29



246E00



4EED00

Inverse Universe

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



46175D



540C78



5D1751



2C292E



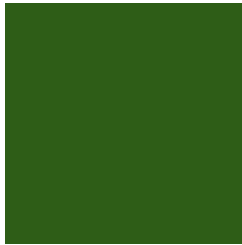
4A006E



9F00ED

Previews

White Background



This preview shows how the Hex color 2E5D17 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

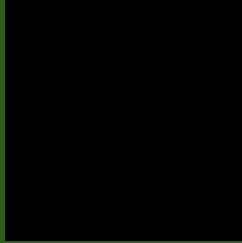
Any Text WCAG AA × Fail

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 2E5D17 Background



This preview shows how black text looks on a background with the Hex color 2E5D17.



This preview shows how white text looks on a background with the Hex color 2E5D17.

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
2E5D17

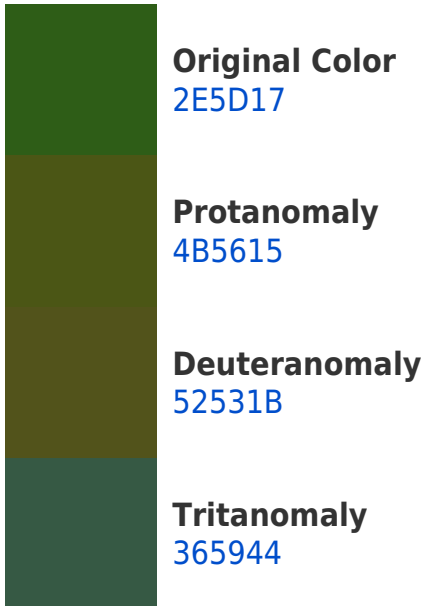
Protanopia
5C5214

Deuteranopia
664E1D



Tritanopia
3A575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5D17 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 #2E5D17 looks like.

```
.text, #text, p{  
    color:#2E5D17  
}
```

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 #2E5D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5D17
}
```

Border

The CSS property to change the border of an element to Hex 2E5D17 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
#2E5D17 }
```

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

```
.border{ border-color:#2E5D17 }
```

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

Here you see how a box with a 4 pixel #2E5D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5D17; -webkit-box-shadow:4px 4px  
4px 4px #2E5D17; box-shadow:4px 4px 4px  
4px #2E5D17 }
```

Background

The CSS property to change the background color of an element to Hex 2E5D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5D17 }
```

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

```
.background{ background-color:#2E5D17 }
```

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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