

Converting Colors

Hex(2E5F38)

Have a look what the booklet for
Hex(2E5F38) contains.

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Color

Hex(2E5F38)

Conversions

Conversions Part 1

Format	Color
Hex	2E5F38
RGB	46, 95, 56
RGB Percent	18%, 37%, 22%
CMY	0.8196, 0.6275, 0.7804
CMYK	0.52, 0.00, 0.41, 0.63
HSL	132°, 35%, 28%
HSV	132°, 52%, 37%
XYZ	5.9327, 9.0508, 5.1757
YIQ	75.9030, -16.6850, -22.5170

Conversions

Conversions Part 2

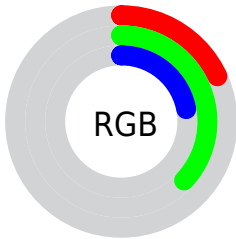
Format	Color
RYB	46, 87, 95
Decimal	3039032
CIELab	36.08, -26.15, 17.35
CIELCh	36, 31.382, 146.442
Yxy	9.0508, 0.2943, 0.4490
Android (android.graphics.Color)	4281229112 (0xFF2E5F38)
YUV	75.9030, -9.8122, -26.2249
Hunter-Lab	30.0845, -17.4473, 10.8591

Details

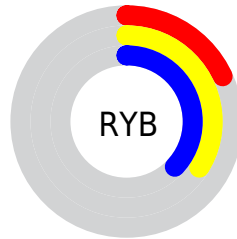
The Hex color **2E5F38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F2E55**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **609267**, and **00300D** is the 20% darker color. If you saturate the color by 10%, you get **255F30**, and if you desaturate by 10%, it is **385F40**.

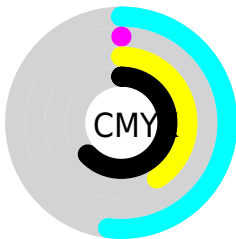
Distribution



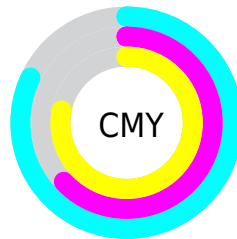
- Red (18%)
- Green (37%)
- Blue (22%)



- Red (18%)
- Yellow (34%)
- Blue (37%)



- Cyan (52%)
- Magenta (0%)
- Yellow (41%)
- Black (63%)



- Cyan (82%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5F38 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 2E5F38 by changing the saturation by 10% instead.

■ 2E5F38

■ 2E5F38

FFFFFF

■ 154722

■ 609267

■ 00300D

■ 79AD81

■ 001D00

■ 94C89B

■ 000000

■ AFE4B6

■ CBFFD1

■ E7FFEE

■ 2E5F38

■ 2E5F38

■ 255F30

■ 385F40

■ 1B5F29

■ 415F47

■ 125F21

■ 4B5F4F

■ 085F1A

■ 545F56

■ 005F13

■ 5E5F5E

■ 675F65

■ 715F6D

■ 7A5F74

■ 845F7C

Harmonies

Analogous

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



4D5A26



2E5F38



006151

Triad

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



2E5F38



1C5887



834140

Complementary

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



2E5F38



5F2E55

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.



814059



2E5F38



524F82

Square

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



2E5F38



005E7E



714671



79492B

Rectangle

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



2E5F38



006262



714671



844048

Sweetspot

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



2E5F38



687A6C



555F2E



323D34



BDBDBD



3D3D3D

Same Dimension

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



2E5F38



2F7A3E



2E5F50



2C302D



007017



00F031

Inverse Universe

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



5F2E55



7A2F6B



5F2E3D



302C2F



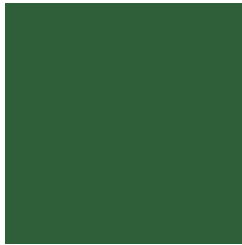
700059



F000BF

Previews

White Background



This preview shows how the Hex color 2E5F38 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

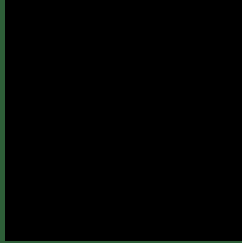
Any Text WCAG AA × Fail

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 2E5F38 Background



This preview shows how black text looks on a background with the Hex color 2E5F38.



This preview shows how white text looks on a background with the Hex color 2E5F38.

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
2E5F38

Protanopia
5C5534

Deuteranopia
65513B



Tritanopia
385A61

Trichromacy



Original Color
2E5F38

Protanomaly
4B5935

Deuteranomaly
51563A

Tritanomaly
345C52

Monochromacy



Original Color
2E5F38

Achromatopsia
4C4C4C

Achromatomaly
415345

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5F38 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 #2E5F38 looks like.

```
.text, #text, p{  
    color:#2E5F38  
}
```

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 #2E5F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5F38
}
```

Border

The CSS property to change the border of an element to Hex 2E5F38 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
#2E5F38 }
```

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

```
.border{ border-color:#2E5F38 }
```

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

Here you see how a box with a 4 pixel #2E5F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5F38; -webkit-box-shadow:4px 4px  
4px 4px #2E5F38; box-shadow:4px 4px 4px  
4px #2E5F38 }
```

Background

The CSS property to change the background color of an element to Hex 2E5F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5F38 }
```

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

```
.background{ background-color:#2E5F38 }
```

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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