

Converting Colors

Hex(2E5819)

Have a look what the booklet for
Hex(2E5819) contains.

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Color

Hex(2E5819)

Conversions

Conversions Part 1

Format	Color
Hex	2E5819
RGB	46, 88, 25
RGB Percent	18%, 35%, 10%
CMY	0.8196, 0.6549, 0.9020
CMYK	0.48, 0.00, 0.72, 0.65
HSL	100°, 56%, 22%
HSV	100°, 72%, 35%
XYZ	4.7919, 7.6305, 2.1400
YIQ	68.2600, -4.8090, -28.4970

Conversions

Conversions Part 2

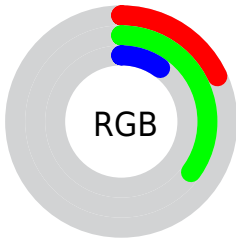
Format	Color
RYB	25, 88, 67
Decimal	3037209
CIELab	33.20, -27.36, 30.86
CIELCh	33, 41.241, 131.566
Yxy	7.6305, 0.3291, 0.5240
Android (android.graphics.Color)	4281227289 (0xFF2E5819)
YUV	68.2600, -21.3272, -19.5220
Hunter-Lab	27.6233, -17.3758, 14.7431

Details

The Hex color **2E5819** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **431958**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **608A48**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **285810**, and if you desaturate by 10%, it is **345822**.

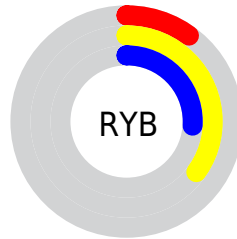
Distribution



Red (18%)

Green (35%)

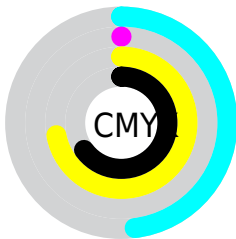
Blue (10%)



Red (10%)

Yellow (35%)

Blue (26%)

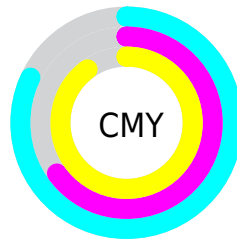


Cyan (48%)

Magenta (0%)

Yellow (72%)

Black (65%)



Cyan (82%)

Magenta (65%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5819 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 2E5819 by changing the saturation by 10% instead.



2E5819



2E5819

FFFFFF



154000



608A48



002A00



7AA560



001300



94C07A



000000



AFDC94



CBF9AF



E8FFCB



FFFFE7



2E5819



2E5819

■ 285810

■ 345822

■ 225807

■ 3A582B

■ 1D5800

■ 405833

■ 45583C

■ 4B5845

■ 51584E

■ 575857

■ 5D585F

■ 635868

Harmonies

Analogous

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



525102



2E5819



005C38

Triad

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



2E5819



00578C



892E43

Complementary

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



2E5819



431958

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.



7E3263



2E5819



1E4E8E

Square

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



2E5819



005C79



60407F



823724

Rectangle

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



2E5819



005D4F



60407F



872D4E

Sweetspot

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



2E5819



63735B



584319



313B2C



BABABA



3B3B3B

Same Dimension

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



2E5819



317310



195823



282B27



246B00



4EEB00

Inverse Universe

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



431958



521073



58194D



2A272B



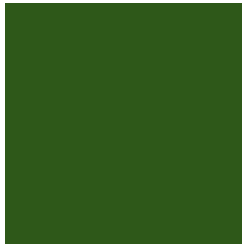
47006B



9C00EB

Previews

White Background



This preview shows how the Hex color 2E5819 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

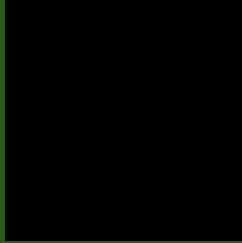
Any Text WCAG AA × Fail

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 2E5819 Background



This preview shows how black text looks on a background with the Hex color 2E5819.



This preview shows how white text looks on a background with the Hex color 2E5819.

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](#).

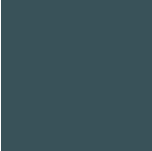
Dichromacy



Original Color
2E5819

Protanopia
574E16

Deuteranopia
614A1E



Tritanopia
395259

Trichromacy



Original Color
2E5819

Protanomaly
485217

Deuteranomaly
4E4F1C

Tritanomaly
355442

Monochromacy



Original Color
2E5819

Achromatopsia
444444

Achromatomaly
3C4B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5819 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 #2E5819 looks like.

```
.text, #text, p{  
    color:#2E5819  
}
```

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 #2E5819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5819
}
```

Border

The CSS property to change the border of an element to Hex 2E5819 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
#2E5819 }
```

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

```
.border{ border-color:#2E5819 }
```

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

Here you see how a box with a 4 pixel #2E5819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5819; -webkit-box-shadow:4px 4px  
4px 4px #2E5819; box-shadow:4px 4px 4px  
4px #2E5819 }
```

Background

The CSS property to change the background color of an element to Hex 2E5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5819 }
```

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

```
.background{ background-color:#2E5819 }
```

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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