

Converting Colors

Hex(2E3723)

Have a look what the booklet for
Hex(2E3723) contains.

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Color

Hex(2E3723)

Conversions

Conversions Part 1

Format	Color
Hex	2E3723
RGB	46, 55, 35
RGB Percent	18%, 22%, 14%
CMY	0.8196, 0.7843, 0.8627
CMYK	0.16, 0.00, 0.36, 0.78
HSL	87°, 22%, 18%
HSV	87°, 36%, 22%
XYZ	2.7963, 3.4346, 2.1057
YIQ	50.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

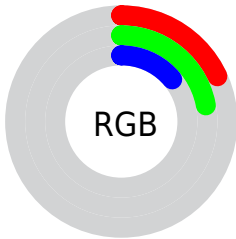
Format	Color
RYB	35, 55, 44
Decimal	3028771
CIELab	21.71, -8.17, 11.33
CIElCh	22, 13.969, 125.814
Yxy	3.4346, 0.3354, 0.4120
Android (android.graphics.Color)	4281218851 (0xFF2E3723)
YUV	50.0290, -7.4093, -3.5334
Hunter-Lab	18.5326, -5.4992, 6.2363

Details

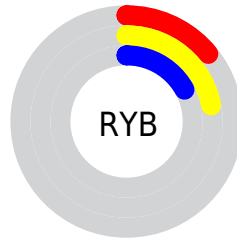
The Hex color **2E3723** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2337**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5C6650**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **2C371E**, and if you desaturate by 10%, it is **303729**.

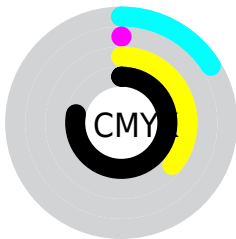
Distribution



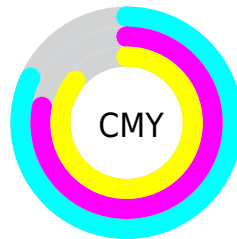
- Red (18%)
- Green (22%)
- Blue (14%)



- Red (14%)
- Yellow (22%)
- Blue (17%)



- Cyan (16%)
- Magenta (0%)
- Yellow (36%)
- Black (78%)



- Cyan (82%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3723 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 2E3723 by changing the saturation by 10% instead.

■ 2E3723

■ 2E3723

FFFFFF

■ 19220E

■ 5C6650

■ 000C00

■ 757F68

■ 000000

■ 8E9981

■ A9B39B

■ C4CFB6

■ E0EBD1

■ FDFFE0

■ 2E3723

■ 2E3723

■ 2C371E

■ 303729

■ 293718

■ 33372E

■ 273713

■ 353734

■ 24370D

■ 383739

■ 223708

■ 3A373F

■ 1F3702

■ 3D3744

■ 1E3700

■ 3F374A

■ 42374F

■ 443755

Harmonies

Analogous

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



39341F



2E3723



22392B

Triad

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



2E3723



1A3747



482C32

Complementary

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



2E3723



2C2337

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.



432D3D



2E3723



293448

Square

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



2E3723



113940



383145



482D28

Rectangle

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



2E3723



1A3A32



383145



472C36

Sweetspot

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



2E3723



444740



372C23



22241F



A3A3A3



242424

Same Dimension

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



2E3723



394728



243723



1B1C19



325C00



79DB00

Inverse Universe

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



2C2337



362847



362337



1B191C



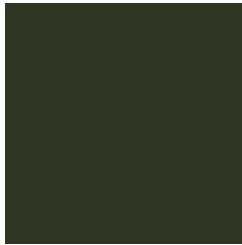
29005C



6300DB

Previews

White Background



This preview shows how the Hex color 2E3723 looks on a white background.

Color Contrast Check

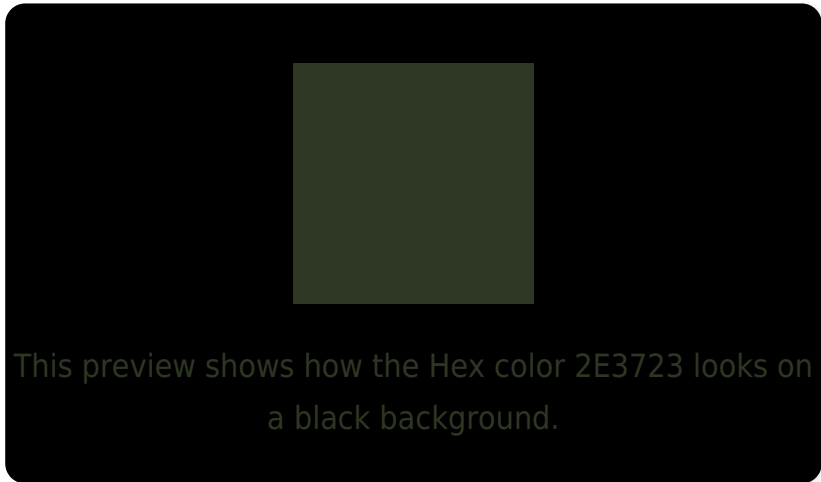
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E3723 Background



This preview shows how black text looks on a background with the Hex color 2E3723.

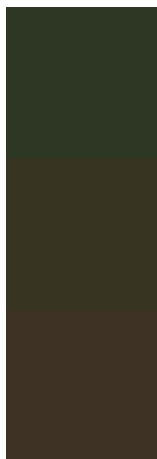


This preview shows how white text looks on a background with the Hex color 2E3723.

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](#).

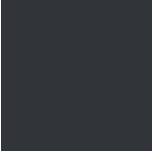
Dichromacy



Original Color
2E3723

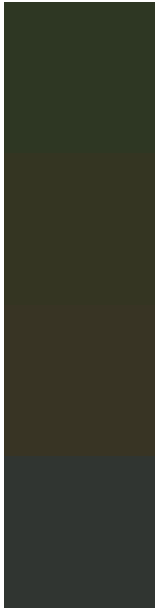
Protanopia
383422

Deuteranopia
3E3224



Tritanopia
313439

Trichromacy



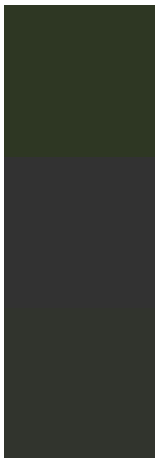
Original Color
2E3723

Protanomaly
343522

Deuteranomaly
383424

Tritanomaly
303531

Monochromacy



Original Color
2E3723

Achromatopsia
323232

Achromatomaly
31342D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3723 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 #2E3723 looks like.

```
.text, #text, p{  
    color:#2E3723  
}
```

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 #2E3723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3723
}
```

Border

The CSS property to change the border of an element to Hex 2E3723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

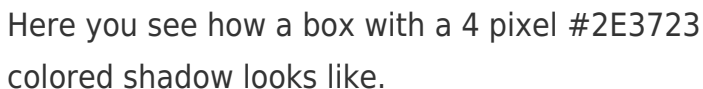
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3723 }
```

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

```
.border{ border-color:#2E3723 }
```

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



Here you see how a box with a 4 pixel #2E3723 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3723; -webkit-box-shadow:4px 4px  
4px 4px #2E3723; box-shadow:4px 4px 4px  
4px #2E3723 }
```

Background

The CSS property to change the background color of an element to Hex 2E3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3723 }
```

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

```
.background{ background-color:#2E3723 }
```

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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