

Converting Colors

Hex(2E2B23)

Have a look what the booklet for
Hex(2E2B23) contains.

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Color

Hex(2E2B23)

Conversions

Conversions Part 1

Format	Color
Hex	2E2B23
RGB	46, 43, 35
RGB Percent	18%, 17%, 14%
CMY	0.8196, 0.8314, 0.8627
CMYK	0.00, 0.07, 0.24, 0.82
HSL	44°, 14%, 16%
HSV	44°, 24%, 18%
XYZ	2.2940, 2.4299, 1.9382
YIQ	42.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

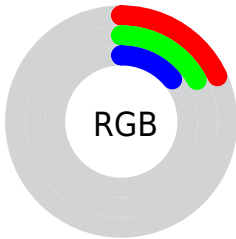
Format	Color
R_{YB}	39, 46, 35
Decimal	3025699
CIE Lab	17.60, -0.33, 5.71
CIE LCh	18, 5.717, 93.282
Yxy	2.4299, 0.3443, 0.3647
Android (android.graphics.Color)	4281215779 (0xFF2E2B23)
YUV	42.9850, -3.9366, 2.6442
Hunter-Lab	15.5883, -1.0115, 3.5397

Details

The Hex color **2E2B23** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23262E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C584F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2A1E**, and if you desaturate by 10%, it is **2E2C28**.

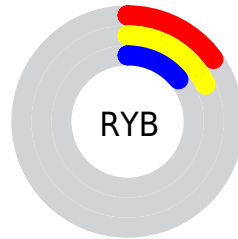
Distribution



Red (18%)

Green (17%)

Blue (14%)



Red (15%)

Yellow (18%)

Blue (14%)

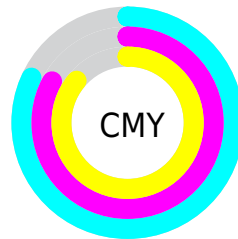


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2B23 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 2E2B23 by changing the saturation by 10% instead.

■ 2E2B23

■ 2E2B23

FFFFFF

■ 1A170D

■ 5C584F

■ 000000

■ 747167

■ 8E8A80

■ A9A49A

■ C4C0B5

■ E0DBD1

■ FCF8ED

■ 2E2B23

■ 2E2B23

■ 2E2A1E

■ 2E2C28

■ 2E281A

■ 2E2E2C

■ 2E2715

■ 2E2F31

■ 2E2611

■ 2E3035

■ 2E250C

■ 2E313A

■ 2E2307

■ 2E333F

■ 2E2203

■ 2E3443

■ 2E2100

■ 2E3548

■ 2E364C

Harmonies

Analogous

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



322A24



2E2B23



292C24

Triad

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



2E2B23



212D2F



31292F

Complementary

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



2E2B23



23262E

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.



2D2A32



2E2B23



232D32

Square

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



2E2B23



212E2B



272B33



34282B

Rectangle

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



2E2B23



262D26



272B33



302930

Sweetspot

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



2E2B23



3B3A37



2E2326



1F1E1C



9E9E9E



1F1F1F

Same Dimension

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



2E2B23



3B362A



2C2E23



171615



573F00



D69C00

Inverse Universe

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



23262E



2A2E3B



25232E



151517



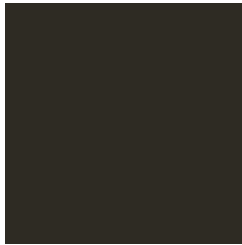
001857



003AD6

Previews

White Background



This preview shows how the Hex color 2E2B23 looks on a white background.

Color Contrast Check

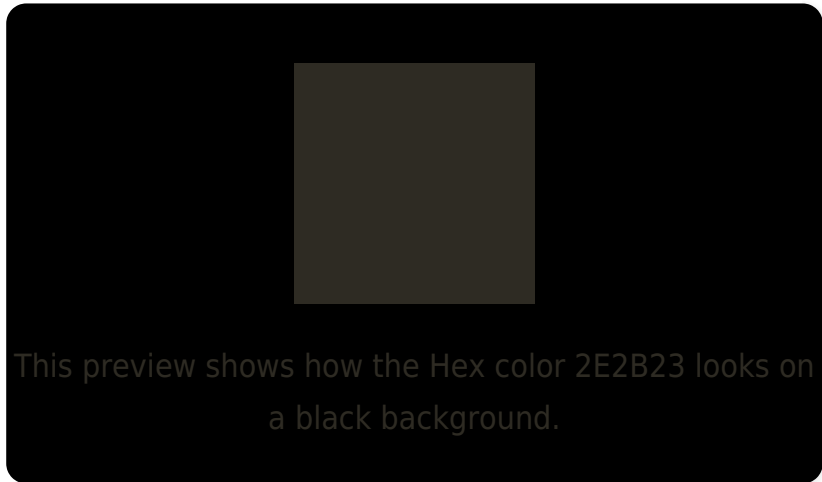
Large Text (above 18pt) WCAG AA ✓ Pass

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

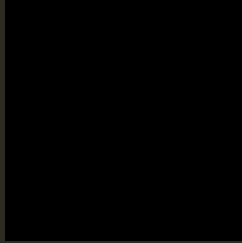
Any Text WCAG AA × Fail

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 2E2B23 Background



This preview shows how black text looks on a background with the Hex color 2E2B23.



This preview shows how white text looks on a background with the Hex color 2E2B23.

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

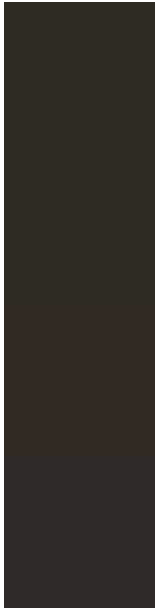


Original Color
2E2B23

Protanopia
2E2B23

Deuteranopia
322923

Trichromacy



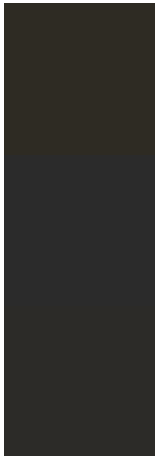
Original Color
2E2B23

Protanomaly
2E2B23

Deuteranomaly
312A23

Tritanomaly
2F2A29

Monochromacy



Original Color
2E2B23

Achromatopsia
2B2B2B

Achromatomaly
2C2B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2B23 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 #2E2B23 looks like.

```
.text, #text, p{  
    color:#2E2B23  
}
```

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 #2E2B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2B23
}
```

Border

The CSS property to change the border of an element to Hex 2E2B23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

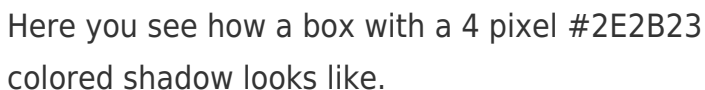
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2B23 }
```

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

```
.border{ border-color:#2E2B23 }
```

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



Here you see how a box with a 4 pixel #2E2B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2B23; -webkit-box-shadow:4px 4px  
4px 4px #2E2B23; box-shadow:4px 4px 4px  
4px #2E2B23 }
```

Background

The CSS property to change the background color of an element to Hex 2E2B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2B23 }
```

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

```
.background{ background-color:#2E2B23 }
```

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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