

Converting Colors

Hex(2E2322)

Have a look what the booklet for
Hex(2E2322) contains.

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Color

Hex(2E2322)

Conversions

Conversions Part 1

Format	Color
Hex	2E2322
RGB	46, 35, 34
RGB Percent	18%, 14%, 13%
CMY	0.8196, 0.8627, 0.8667
CMYK	0.00, 0.24, 0.26, 0.82
HSL	5°, 15%, 16%
HSV	5°, 26%, 18%
XYZ	2.0165, 1.8984, 1.7735
YIQ	38.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

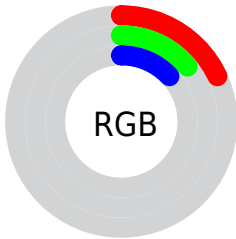
Format	Color
RYB	46, 35, 34
Decimal	3023650
CIELab	14.94, 5.03, 2.66
CIELCh	15, 5.691, 27.810
Yxy	1.8984, 0.3545, 0.3337
Android (android.graphics.Color)	4281213730 (0xFF2E2322)
YUV	38.1750, -2.0583, 6.8625
Hunter-Lab	13.7782, 2.0120, 2.0130

Details

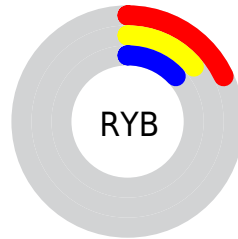
The Hex color **2E2322** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **222D2E**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5C4F4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E1F1D**, and if you desaturate by 10%, it is **2E2727**.

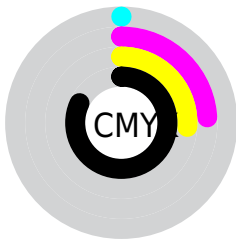
Distribution



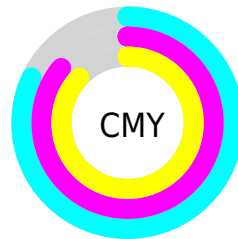
- Red (18%)
- Green (14%)
- Blue (13%)



- Red (18%)
- Yellow (14%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (82%)



- Cyan (82%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2322 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 2E2322 by changing the saturation by 10% instead.

■ 2E2322

■ 2E2322

FFFFFF

■ 1A0E0C

■ 5C4F4E

■ 000000

■ 756766

■ 8E807F

■ A99A99

■ C4B5B4

■ E0D1CF

■ FDEDEC

■ 2E2322

■ 2E2322

■ 2E1F1D

■ 2E2727

■ 2E1B19

■ 2E2B2B

■ 2E1614

■ 2E3030

■ 2E1210

■ 2E3434

■ 2E0E0B

■ 2E3839

■ 2E0A06

■ 2E3C3E

■ 2E0502

■ 2E4142

■ 2E0400

■ 2E4547

■ 2E494B

Harmonies

Analogous

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



2D2326



2E2322



2C241F

Triad

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



2E2322



202721



21262D

Complementary

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



2E2322



222D2E

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.



1D272C



2E2322



1C2825

Square

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



2E2322



25261E



1B2829



26252D

Rectangle

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



2E2322



2A251E



1B2829



1F262D

Sweetspot

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



2E2322



3B3636



2E222D



1F1C1C



9E9E9E



1F1F1F

Same Dimension

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



2E2322



3B2A28



2E2922



171515



570700



D61200

Inverse Universe

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



222D2E



28393B



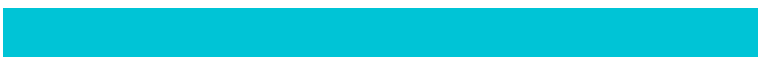
22272E



151717



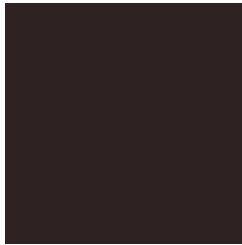
004F57



00C4D6

Previews

White Background



This preview shows how the Hex color 2E2322 looks on a white background.

Color Contrast Check

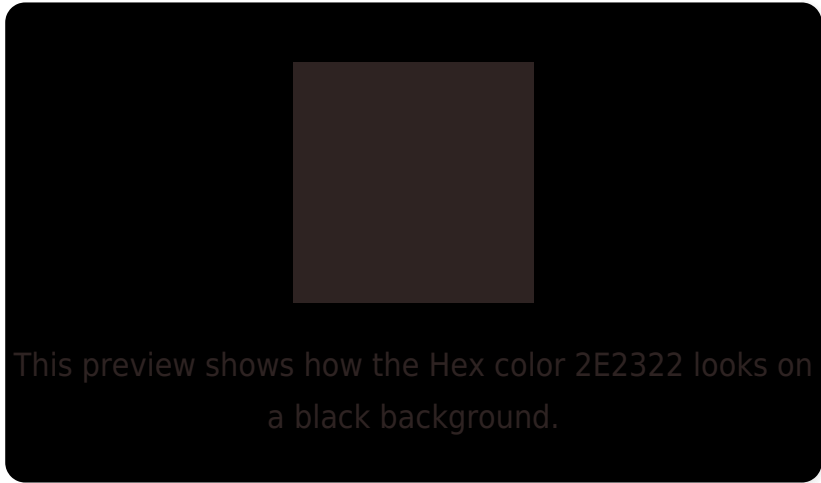
Large Text (above 18pt) WCAG AA ✓ Pass

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

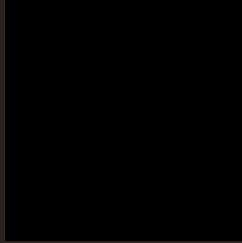
Any Text WCAG AA × Fail

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 2E2322 Background



This preview shows how black text looks on a background with the Hex color 2E2322.

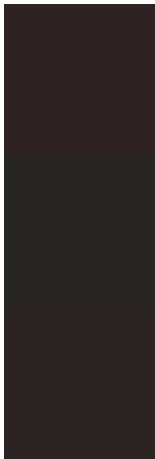


This preview shows how white text looks on a background with the Hex color 2E2322.

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
2E2322

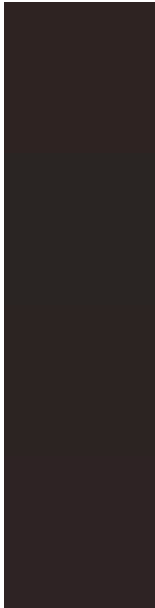
Protanopia
272623

Deuteranopia
2B2422



Tritanopia
2E2325

Trichromacy



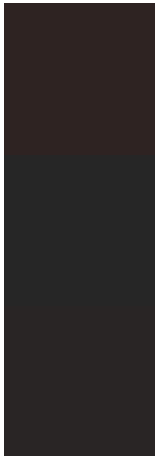
Original Color
2E2322

Protanomaly
2A2523

Deuteranomaly
2C2422

Tritanomaly
2E2324

Monochromacy



Original Color
2E2322

Achromatopsia
262626

Achromatomaly
292525

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2322 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 #2E2322 looks like.

```
.text, #text, p{  
    color:#2E2322  
}
```

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 #2E2322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2322
}
```

Border

The CSS property to change the border of an element to Hex 2E2322 is called "border". The border property can be set on classes, ids or directly on the HTML element.

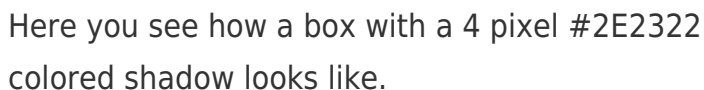
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2322 }
```

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

```
.border{ border-color:#2E2322 }
```

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



Here you see how a box with a 4 pixel #2E2322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2322; -webkit-box-shadow:4px 4px  
4px 4px #2E2322; box-shadow:4px 4px 4px  
4px #2E2322 }
```

Background

The CSS property to change the background color of an element to Hex 2E2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2322 }
```

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

```
.background{ background-color:#2E2322 }
```

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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