

Converting Colors

Hex(2E1C18)

Have a look what the booklet for
Hex(2E1C18) contains.

Hex(2E1C18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E1C18)

Conversions

Conversions Part 1

Format	Color
Hex	2E1C18
RGB	46, 28, 24
RGB Percent	18%, 11%, 9%
CMY	0.8196, 0.8902, 0.9059
CMYK	0.00, 0.39, 0.48, 0.82
HSL	11°, 31%, 14%
HSV	11°, 48%, 18%
XYZ	1.7068, 1.4773, 1.0593
YIQ	32.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

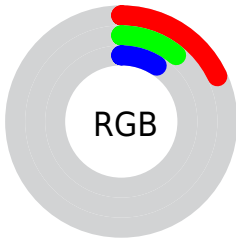
Format	Color
R_{YB}	46, 29, 24
Decimal	3021848
CIE Lab	12.46, 8.25, 6.38
CIE LCh	12, 10.427, 37.710
Yxy	1.4773, 0.4022, 0.3481
Android (android.graphics.Color)	4281211928 (0xFF2E1C18)
YUV	32.9260, -4.4005, 11.4659
Hunter-Lab	12.1544, 3.7964, 3.3406

Details

The Hex color **2E1C18** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **182A2E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5D4843**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E1813**, and if you desaturate by 10%, it is **2E201D**.

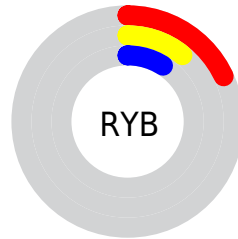
Distribution



Red (18%)

Green (11%)

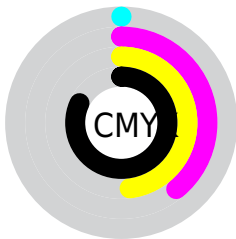
Blue (9%)



Red (18%)

Yellow (11%)

Blue (9%)

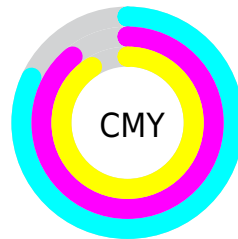


Cyan (0%)

Magenta (39%)

Yellow (48%)

Black (82%)



Cyan (82%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1C18 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 2E1C18 by changing the saturation by 10% instead.

 2E1C18

 2E1C18

 FFFFFA

 1B0200

 5D4843

 000000

 765F5A

 907873

 AA928C

 C6ACA6

 E2C8C2

 FFE4DD

 2E1C18

 2E1C18

■ 2E1813

■ 2E201D

■ 2E140F

■ 2E2421

■ 2E110A

■ 2E2726

■ 2E0D06

■ 2E2B2A

■ 2E0901

■ 2E2F2F

■ 2E0800

■ 2E3334

■ 2E3638

■ 2E3A3D

■ 2E3E41

Harmonies

Analogous

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



2F1B1F



2E1C18



2A1E13

Triad

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



2E1C18



13241B



1A202F

Complementary

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



2E1C18



182A2E

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.



0F232E



2E1C18



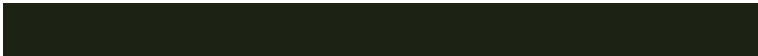
0C2422

Square

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



2E1C18



1C2315



092429



241E2C

Rectangle

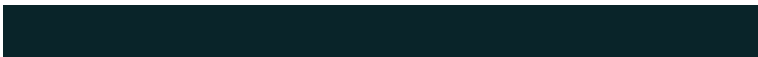
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2E1C18



262012



092429



16212F

Sweetspot

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



2E1C18



3B3432



2E182A



1F1A19



9E9E9E



1F1F1F

Same Dimension

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



2E1C18



3B1F19



2E2718



171515



571000



D62700

Inverse Universe

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



182A2E



19353B



181F2E



151717



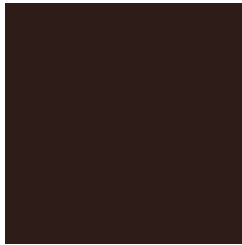
004757



00AFD6

Previews

White Background



This preview shows how the Hex color 2E1C18 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

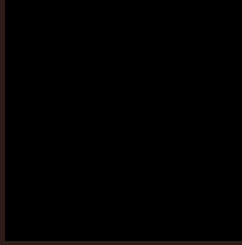
Any Text WCAG AA × Fail

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 2E1C18 Background



This preview shows how black text looks on a background with the Hex color 2E1C18.



This preview shows how white text looks on a background with the Hex color 2E1C18.

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
2E1C18

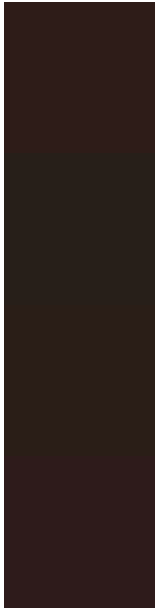
Protanopia
23211A

Deuteranopia
271F17



Tritanopia
2E1B1D

Trichromacy



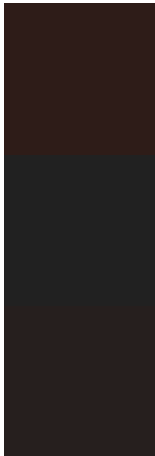
Original Color
2E1C18

Protanomaly
271F19

Deuteranomaly
2A1E17

Tritanomaly
2E1B1B

Monochromacy



Original Color
2E1C18

Achromatopsia
212121

Achromatomaly
261F1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1C18 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 #2E1C18 looks like.

```
.text, #text, p{  
    color:#2E1C18  
}
```

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 #2E1C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1C18
}
```

Border

The CSS property to change the border of an element to Hex 2E1C18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

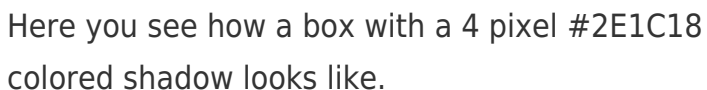
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E1C18 }
```

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

```
.border{ border-color:#2E1C18 }
```

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



Here you see how a box with a 4 pixel #2E1C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1C18; -webkit-box-shadow:4px 4px  
4px 4px #2E1C18; box-shadow:4px 4px 4px  
4px #2E1C18 }
```

Background

The CSS property to change the background color of an element to Hex 2E1C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1C18 }
```

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

```
.background{ background-color:#2E1C18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor