

Converting Colors

Hex(2E1D17)

Have a look what the booklet for
Hex(2E1D17) contains.

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Color

Hex(2E1D17)

Conversions

Conversions Part 1

Format	Color
Hex	2E1D17
RGB	46, 29, 23
RGB Percent	18%, 11%, 9%
CMY	0.8196, 0.8863, 0.9098
CMYK	0.00, 0.37, 0.50, 0.82
HSL	16°, 33%, 14%
HSV	16°, 50%, 18%
XYZ	1.7207, 1.5214, 1.0136
YIQ	33.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

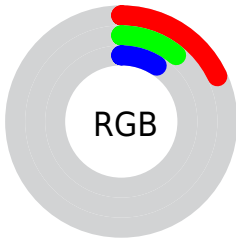
Format	Color
RYB	46, 31, 23
Decimal	3022103
CIELab	12.74, 7.39, 7.49
CIElCh	13, 10.522, 45.354
Yxy	1.5214, 0.4043, 0.3575
Android (android.graphics.Color)	4281212183 (0xFF2E1D17)
YUV	33.3990, -5.1267, 11.0511
Hunter-Lab	12.3346, 3.3159, 3.7622

Details

The Hex color **2E1D17** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17282E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5D4942**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E1A12**, and if you desaturate by 10%, it is **2E201C**.

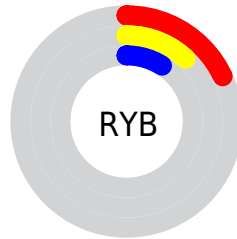
Distribution



Red (18%)

Green (11%)

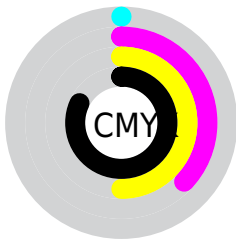
Blue (9%)



Red (18%)

Yellow (12%)

Blue (9%)

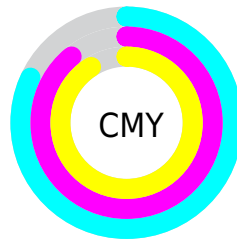


Cyan (0%)

Magenta (37%)

Yellow (50%)

Black (82%)



Cyan (82%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1D17 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 2E1D17 by changing the saturation by 10% instead.

■ 2E1D17

■ 2E1D17

■ FFFFF9

■ 1A0400

■ 5D4942

■ 000000

■ 766059

■ 907971

■ AA938B

■ C6AEA5

■ E2C9C0

■ FFE5DC

■ 2E1D17

■ 2E1D17

■ 2E1A12

■ 2E201C

■ 2E160E

■ 2E2420

■ 2E1309

■ 2E2725

■ 2E0F05

■ 2E2B29

■ 2E0C00

■ 2E2E2E

■ 2E3133

■ 2E3537

■ 2E383C

■ 2E3C40

Harmonies

Analogous

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



301C1E



2E1D17



291F13

Triad

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



2E1D17



12251D



1D202F

Complementary

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



2E1D17



17282E

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.



12232F



2E1D17



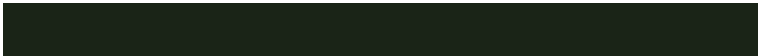
0A2525

Square

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



2E1D17



1A2417



0A242B



271E2B

Rectangle

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



2E1D17



252112



0A242B



19212F

Sweetspot

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



2E1D17



3B3432



2E1728



1F1B19



9E9E9E



1F1F1F

Same Dimension

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



2E1D17



3B2117



2E2817



171515



571700



D63800

Inverse Universe

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



17282E



17313B



171D2E



151617



004057



009ED6

Previews

White Background



This preview shows how the Hex color 2E1D17 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

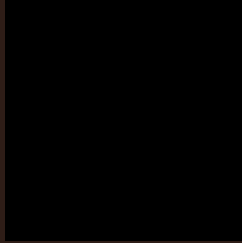
Any Text WCAG AA × Fail

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 2E1D17 Background



This preview shows how black text looks on a background with the Hex color 2E1D17.



This preview shows how white text looks on a background with the Hex color 2E1D17.

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

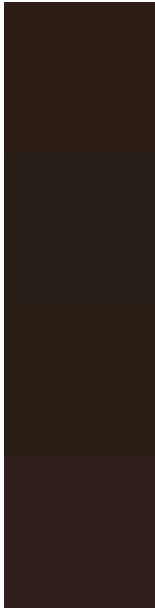


Original Color
2E1D17

Protanopia
242119

Deuteranopia
282016

Trichromacy



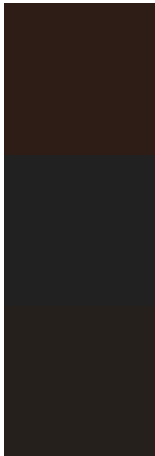
Original Color
2E1D17

Protanomaly
282018

Deuteranomaly
2A1F16

Tritanomaly
2F1C1B

Monochromacy



Original Color
2E1D17

Achromatopsia
212121

Achromatomaly
26201D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1D17 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 #2E1D17 looks like.

```
.text, #text, p{  
    color:#2E1D17  
}
```

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 #2E1D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1D17  
}
```

Border

The CSS property to change the border of an element to Hex 2E1D17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

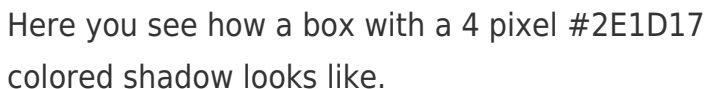
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2E1D17 }
```

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

```
.border{ border-color:#2E1D17 }
```

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



Here you see how a box with a 4 pixel #2E1D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1D17; -webkit-box-shadow:4px 4px  
4px 4px #2E1D17; box-shadow:4px 4px 4px  
4px #2E1D17 }
```

Background

The CSS property to change the background color of an element to Hex 2E1D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1D17 }
```

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

```
.background{ background-color:#2E1D17 }
```

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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