

Converting Colors

Hex(282717)

Have a look what the booklet for
Hex(282717) contains.

Hex(282717)	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(282717)

Conversions

Conversions Part 1

Format	Color
Hex	282717
RGB	40, 39, 23
RGB Percent	16%, 15%, 9%
CMY	0.8431, 0.8471, 0.9098
CMYK	0.00, 0.02, 0.42, 0.84
HSL	56°, 27%, 12%
HSV	56°, 42%, 16%
XYZ	1.7552, 1.9640, 1.0972
YIQ	37.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

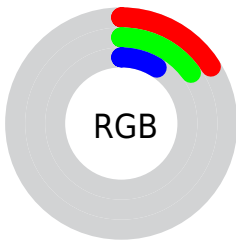
Format	Color
R_{YB}	24, 40, 23
Decimal	2631447
CIE _{Lab}	15.30, -2.74, 10.76
CIE _{LCh}	15, 11.106, 104.289
Yxy	1.9640, 0.3644, 0.4078
Android (android.graphics.Color)	4280821527 (0xFF282717)
YUV	37.4750, -7.1362, 2.2144
Hunter-Lab	14.0143, -2.1686, 5.1682

Details

The Hex color **282717** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **171828**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **555442**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282713**, and if you desaturate by 10%, it is **28271B**.

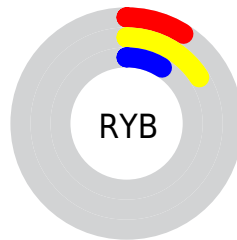
Distribution



Red (16%)

Green (15%)

Blue (9%)



Red (9%)

Yellow (16%)

Blue (9%)

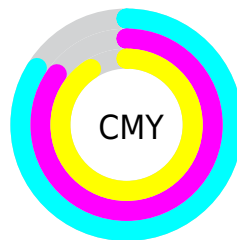


Cyan (0%)

Magenta (2%)

Yellow (42%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282717 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 282717 by changing the saturation by 10% instead.

■ 282717

■ 282717

■ FFFFF9

■ 141200

■ 555442

■ 000000

■ 6E6C59

■ 878572

■ A29F8B

■ BDBAA6

■ D9D6C1

■ F5F2DD

■ 282717

■ 282717

■ 282713

■ 28271B

■ 28270F

■ 28271F

■ 28260B

■ 282823

■ 282607

■ 282827

■ 282603

■ 28282B

■ 282600

■ 28282F

■ 282933

■ 282937

■ 28293B

Harmonies

Analogous

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



2F2417



282717



1F291B

Triad

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



282717



0E2A31



33212B

Complementary

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



282717



171828

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.



2C2332



282717



162835

Square

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



282717



0E2B2A



222635



362123

Rectangle

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



282717



192A1F



222635



31212D

Sweetspot

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



282717



33332C



281718



1A1915



999999



1A1A1A

Same Dimension

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



282717



333119



212817



141412



544F00



D4C700

Inverse Universe

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



171828



191B33



1E1728



121214



000554



000CD4

Previews

White Background



This preview shows how the Hex color 282717 looks on a white background.

Color Contrast Check

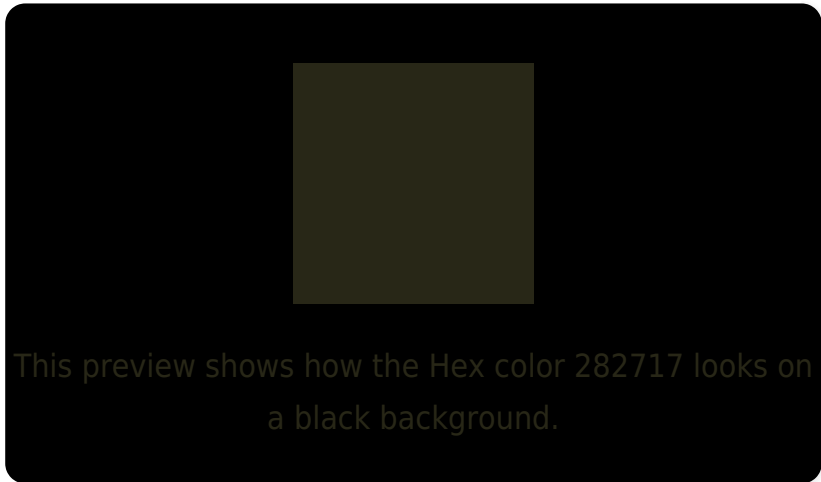
Large Text (above 18pt) WCAG AA ✓ Pass

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

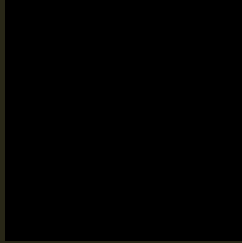
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

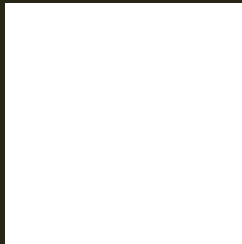
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 282717 Background



This preview shows how black text looks on a background with the Hex color 282717.

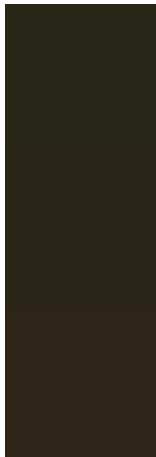


This preview shows how white text looks on a background with the Hex color 282717.

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
282717

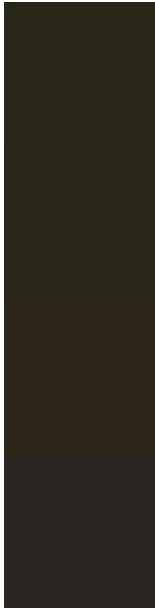
Protanopia
2A2617

Deuteranopia
2E2518



Tritanopia
2A2528

Trichromacy



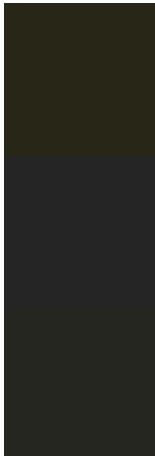
Original Color
282717

Protanomaly
292617

Deuteranomaly
2C2618

Tritanomaly
292622

Monochromacy



Original Color
282717

Achromatopsia
252525

Achromatomaly
262620

CSS Examples

Text

The CSS property to change the color of the text to Hex 282717 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 #282717 looks like.

```
.text, #text, p{  
    color:#282717  
}
```

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 #282717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282717
}
```

Border

The CSS property to change the border of an element to Hex 282717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

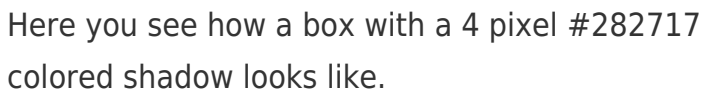
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282717 }
```

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

```
.border{ border-color:#282717 }
```

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



Here you see how a box with a 4 pixel #282717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282717; -webkit-box-shadow:4px 4px  
4px 4px #282717; box-shadow:4px 4px 4px  
4px #282717 }
```

Background

The CSS property to change the background color of an element to Hex 282717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282717 }
```

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

```
.background{ background-color:#282717 }
```

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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