

Converting Colors

Hex(2A2710)

Have a look what the booklet for
Hex(2A2710) contains.

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Color

Hex(2A2710)

Conversions

Conversions Part 1

Format	Color
Hex	2A2710
RGB	42, 39, 16
RGB Percent	16%, 15%, 6%
CMY	0.8353, 0.8471, 0.9373
CMYK	0.00, 0.07, 0.62, 0.84
HSL	53°, 45%, 11%
HSV	53°, 62%, 16%
XYZ	1.7739, 1.9807, 0.7790
YIQ	37.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

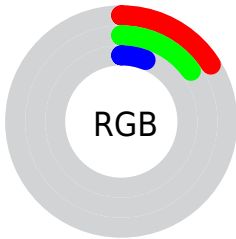
Format	Color
RYB	19, 42, 16
Decimal	2762512
CIELab	15.39, -2.66, 15.38
CIElCh	15, 15.612, 99.793
Yxy	1.9807, 0.3913, 0.4369
Android (android.graphics.Color)	4280952592 (0xFF2A2710)
YUV	37.2750, -10.4886, 4.1438
Hunter-Lab	14.0737, -2.1303, 6.5697

Details

The Hex color **2A2710** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10132A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **58543B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A270C**, and if you desaturate by 10%, it is **2A2714**.

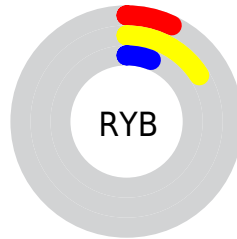
Distribution



Red (16%)

Green (15%)

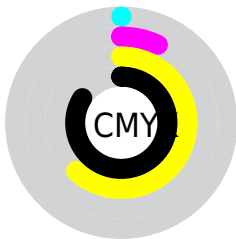
Blue (6%)



Red (7%)

Yellow (16%)

Blue (6%)

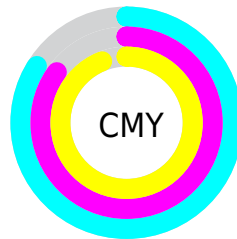


Cyan (0%)

Magenta (7%)

Yellow (62%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2710 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 2A2710 by changing the saturation by 10% instead.

 2A2710


 2A2710

 FFFFF0

 141300

 58543B

 000000

 716C52

 8B856A

 A59F83

 C0BA9D

 DCD6B8

 F9F2D4

 2A2710

 2A2710

■ 2A270C

■ 2A2714

■ 2A2608

■ 2A2818

■ 2A2603

■ 2A281D

■ 2A2500

■ 2A2921

■ 2A2925

■ 2A2A29

■ 2A2A2D

■ 2A2B32

■ 2A2B36

Harmonies

Analogous

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



342312



2A2710



1E2A15

Triad

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



2A2710



002C34



371F2E

Complementary

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



2A2710



10132A

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.



2C2237



2A2710



052A3B

Square

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



2A2710



002C2A



1C263C



3C1E23

Rectangle

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



2A2710



152B1B



1C263C



342032

Sweetspot

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



2A2710



36342B



2A1013



1C1B16



9C9C9C



1C1C1C

Same Dimension

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



2A2710



36310E



202A10



141412



544A00



D4BB00

Inverse Universe

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



10132A



0E1236



1A102A



121314



000A54



0018D4

Previews

White Background



This preview shows how the Hex color 2A2710 looks on a white background.

Color Contrast Check

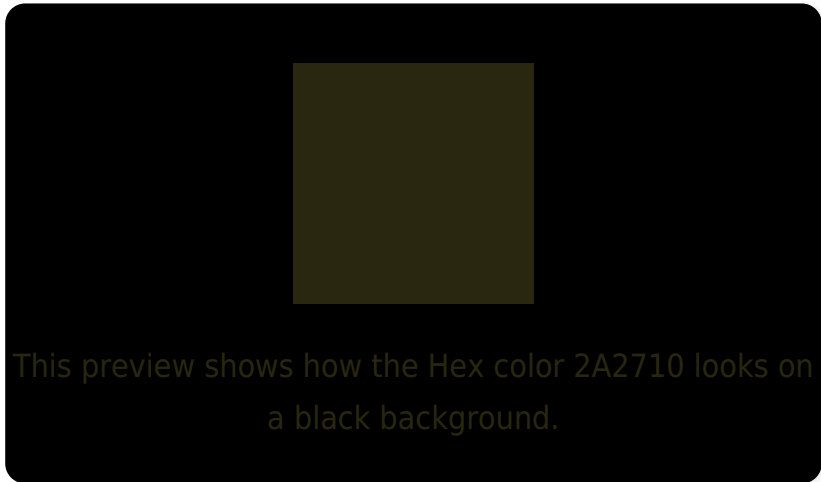
Large Text (above 18pt) WCAG AA ✓ Pass

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

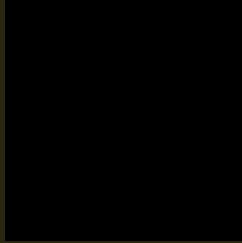
Any Text WCAG AA × Fail

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 2A2710 Background



This preview shows how black text looks on a background with the Hex color 2A2710.



This preview shows how white text looks on a background with the Hex color 2A2710.

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

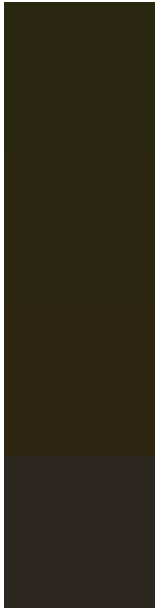


Original Color
2A2710

Protanopia
2B2710

Deuteranopia
302511

Trichromacy



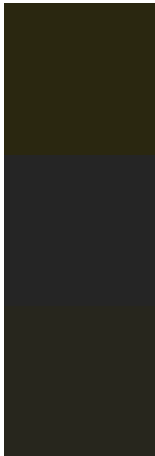
Original Color
2A2710

Protanomaly
2B2710

Deuteranomaly
2E2611

Tritanomaly
2B261F

Monochromacy



Original Color
2A2710

Achromatopsia
252525

Achromatomaly
27261D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2710 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 #2A2710 looks like.

```
.text, #text, p{  
    color:#2A2710  
}
```

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 #2A2710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2710
}
```

Border

The CSS property to change the border of an element to Hex 2A2710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

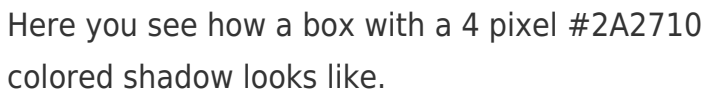
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2710 }
```

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

```
.border{ border-color:#2A2710 }
```

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



Here you see how a box with a 4 pixel #2A2710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2710; -webkit-box-shadow:4px 4px  
4px 4px #2A2710; box-shadow:4px 4px 4px  
4px #2A2710 }
```

Background

The CSS property to change the background color of an element to Hex 2A2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2710 }
```

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

```
.background{ background-color:#2A2710 }
```

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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