

Converting Colors

Hex(2B2903)

Have a look what the booklet for
Hex(2B2903) contains.

Hex(2B2903)	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(2B2903)

Conversions

Conversions Part 1

Format	Color
Hex	2B2903
RGB	43, 41, 3
RGB Percent	17%, 16%, 1%
CMY	0.8314, 0.8392, 0.9882
CMYK	0.00, 0.05, 0.93, 0.83
HSL	57°, 87%, 9%
HSV	57°, 93%, 17%
XYZ	1.8056, 2.1060, 0.3975
YIQ	37.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

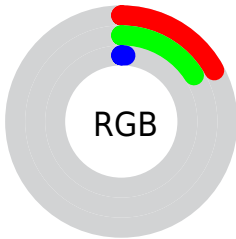
Format	Color
R_{YB}	5, 43, 3
Decimal	2828547
CIE Lab	16.03, -4.66, 21.96
CIE LCh	16, 22.450, 101.992
Yxy	2.1060, 0.4190, 0.4887
Android (android.graphics.Color)	4281018627 (0xFF2B2903)
YUV	37.2660, -16.8931, 5.0287
Hunter-Lab	14.5122, -3.1871, 8.5346

Details

The Hex color **2B2903** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **03052B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5A5631**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2900**, and if you desaturate by 10%, it is **2B2907**.

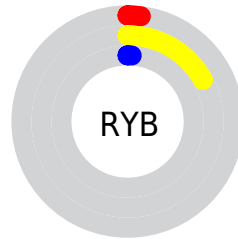
Distribution



Red (17%)

Green (16%)

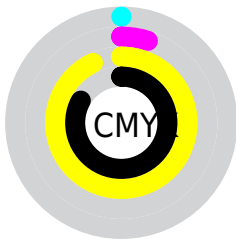
Blue (1%)



Red (2%)

Yellow (17%)

Blue (1%)

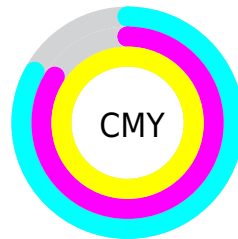


Cyan (0%)

Magenta (5%)

Yellow (93%)

Black (83%)



Cyan (83%)

Magenta (84%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2903 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 2B2903 by changing the saturation by 10% instead.

 2B2903

 2B2903

 FFFFE5

 131500

 5A5631

 000000

 736E48

 8C8860

 A7A279

 C3BD93

 DFD8AE

 FCF5C9

 2B2903

 2B2903

■ 2B2900

■ 2B2907

■ 2B290C

■ 2B2A10

■ 2B2A14

■ 2B2A19

■ 2B2A1D

■ 2B2B21

■ 2B2B25

■ 2B2B2A

Harmonies

Analogous

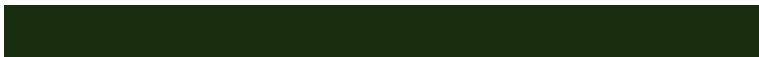
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



392305



2B2903



192D0F

Triad

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



2B2903



002F3D



401B32

Complementary

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



2B2903



03052B

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.



312140



2B2903



002C46

Square

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



2B2903



00302E



162747



451A22

Rectangle

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



2B2903



082E18



162747



3C1D37

Sweetspot

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



2B2903



383728



2B0305



1C1C13



9C9C9C



1C1C1C

Same Dimension

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



2B2903



383500



192B03



141412



545000



D4C900

Inverse Universe

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



03052B



000338



15032B



121214



000454



000BD4

Previews

White Background



This preview shows how the Hex color 2B2903 looks on a white background.

Color Contrast Check

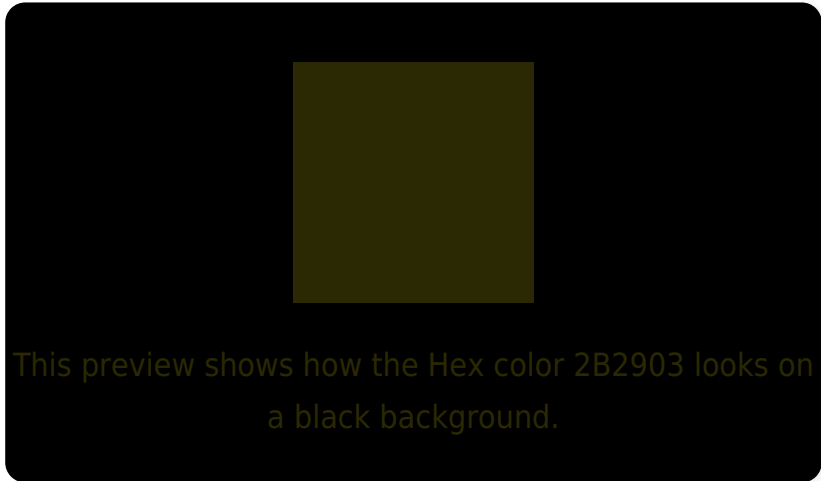
Large Text (above 18pt) WCAG AA ✓ Pass

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

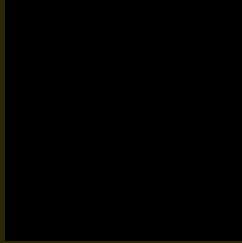
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

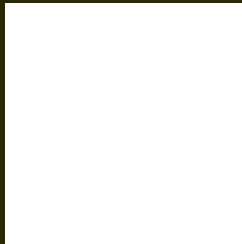
Any Text WCAG AAA × Fail

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

Hex 2B2903 Background



This preview shows how black text looks on a background with the Hex color 2B2903.

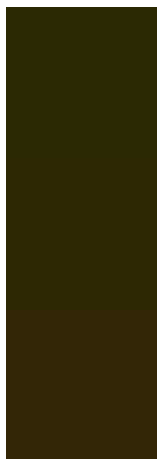


This preview shows how white text looks on a background with the Hex color 2B2903.

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
2B2903

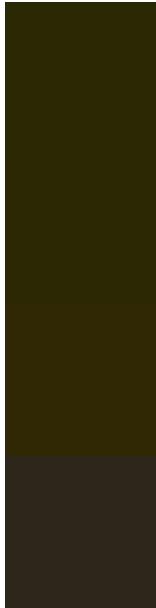
Protanopia
2D2803

Deuteranopia
332606



Tritanopia
2E2629

Trichromacy



Original Color
2B2903

Protanomaly
2C2803

Deuteranomaly
302705

Tritanomaly
2D271B

Monochromacy



Original Color
2B2903

Achromatopsia
252525

Achromatomaly
272619

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2903 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 #2B2903 looks like.

```
.text, #text, p{  
    color:#2B2903  
}
```

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 #2B2903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2903
}
```

Border

The CSS property to change the border of an element to Hex 2B2903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

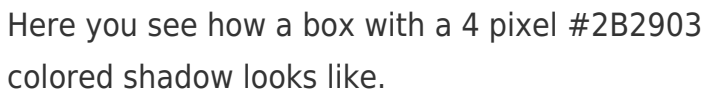
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2903 }
```

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

```
.border{ border-color:#2B2903 }
```

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



Here you see how a box with a 4 pixel #2B2903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2903; -webkit-box-shadow:4px 4px  
4px 4px #2B2903; box-shadow:4px 4px 4px  
4px #2B2903 }
```

Background

The CSS property to change the background color of an element to Hex 2B2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2903 }
```

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

```
.background{ background-color:#2B2903 }
```

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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