

Converting Colors

Hex(2A3812)

Have a look what the booklet for
Hex(2A3812) contains.

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Color

Hex(2A3812)

Conversions

Conversions Part 1

Format	Color
Hex	2A3812
RGB	42, 56, 18
RGB Percent	16%, 22%, 7%
CMY	0.8353, 0.7804, 0.9294
CMYK	0.25, 0.00, 0.68, 0.78
HSL	82°, 51%, 15%
HSV	82°, 68%, 22%
XYZ	2.4782, 3.3643, 1.0910
YIQ	47.4820, 3.8540, -14.7860

Conversions

Conversions Part 2

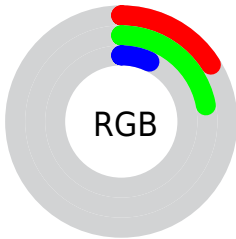
Format	Color
RYB	18, 56, 32
Decimal	2766866
CIELab	21.45, -13.15, 21.45
CIElCh	21, 25.156, 121.508
Yxy	3.3643, 0.3574, 0.4852
Android (android.graphics.Color)	4280956946 (0xFF2A3812)
YUV	47.4820, -14.5346, -4.8077
Hunter-Lab	18.3419, -7.9810, 9.3126

Details

The Hex color **2A3812** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **201238**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **59673E**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **28380C**, and if you desaturate by 10%, it is **2C3818**.

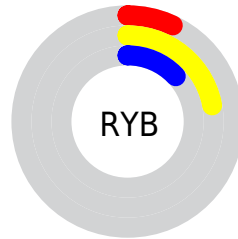
Distribution



Red (16%)

Green (22%)

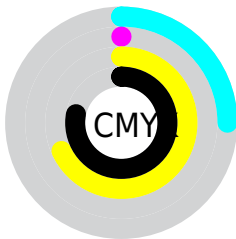
Blue (7%)



Red (7%)

Yellow (22%)

Blue (13%)

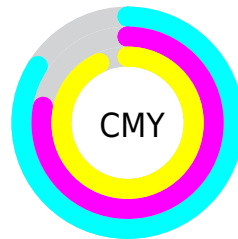


Cyan (25%)

Magenta (0%)

Yellow (68%)

Black (78%)



Cyan (84%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3812 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 2A3812 by changing the saturation by 10% instead.

 2A3812

 2A3812

 FFFFF5

 162200

 59673E

 000A00

 728055

 000000

 8B9A6E

 A6B587

 C1D0A2

 DDEDDBD

 FAFFD9

 2A3812

 2A3812

■ 28380C

■ 2C3818

■ 263807

■ 2E381D

■ 243801

■ 303823

■ 233800

■ 323828

■ 34382E

■ 363834

■ 383839

■ 3B383F

■ 3D3844

Harmonies

Analogous

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



3D330C



2A3812



103B21

Triad

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



2A3812



003A54



552333

Complementary

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



2A3812



201238

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.



4B2745



2A3812



0D3559

Square

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



2A3812



003C46



352E53



542521

Rectangle

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



2A3812



003C2D



352E53



53243A

Sweetspot

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



2A3812



454A3B



382012



23261D



A6A6A6



262626

Same Dimension

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



2A3812



344A0E



173812



1B1C19



3A5C00



8BDB00

Inverse Universe

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



201238



240E4A



331238



1A191C



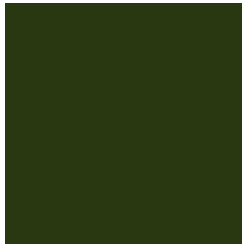
22005C



5100DB

Previews

White Background



This preview shows how the Hex color 2A3812 looks on a white background.

Color Contrast Check

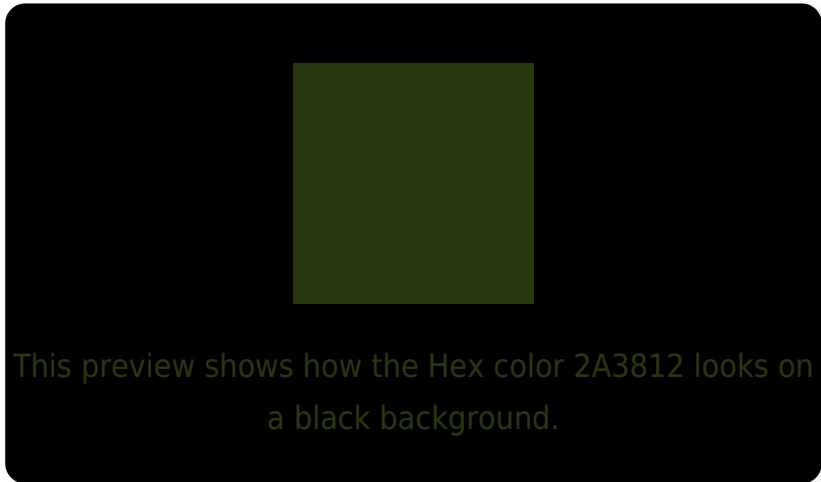
Large Text (above 18pt) WCAG AA ✓ Pass

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

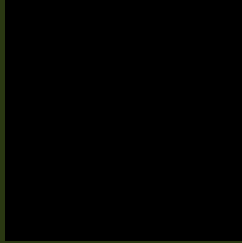
Any Text WCAG AA × Fail

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 2A3812 Background



This preview shows how black text looks on a background with the Hex color 2A3812.



This preview shows how white text looks on a background with the Hex color 2A3812.

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](#).

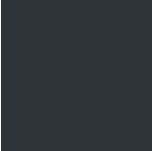
Dichromacy



Original Color
2A3812

Protanopia
3A3411

Deuteranopia
403114



Tritanopia
2F3438

Trichromacy



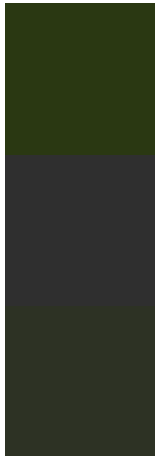
Original Color
2A3812

Protanomaly
343511

Deuteranomaly
383413

Tritanomaly
2D352A

Monochromacy



Original Color
2A3812

Achromatopsia
2F2F2F

Achromatomaly
2D3224

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3812 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 #2A3812 looks like.

```
.text, #text, p{  
    color:#2A3812  
}
```

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 #2A3812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3812
}
```

Border

The CSS property to change the border of an element to Hex 2A3812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

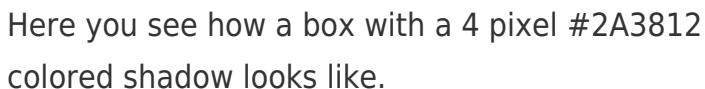
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3812 }
```

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

```
.border{ border-color:#2A3812 }
```

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



Here you see how a box with a 4 pixel #2A3812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3812; -webkit-box-shadow:4px 4px  
4px 4px #2A3812; box-shadow:4px 4px 4px  
4px #2A3812 }
```

Background

The CSS property to change the background color of an element to Hex 2A3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3812 }
```

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

```
.background{ background-color:#2A3812 }
```

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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