

Converting Colors

Hex(2A3923)

Have a look what the booklet for
Hex(2A3923) contains.

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Color

Hex(2A3923)

Conversions

Conversions Part 1

Format	Color
Hex	2A3923
RGB	42, 57, 35
RGB Percent	16%, 22%, 14%
CMY	0.8353, 0.7765, 0.8627
CMYK	0.26, 0.00, 0.39, 0.78
HSL	101°, 24%, 18%
HSV	101°, 39%, 22%
XYZ	2.7213, 3.5398, 2.1299
YIQ	50.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

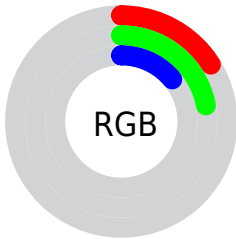
Format	Color
R_{YB}	35, 57, 50
Decimal	2767139
CIE _{Lab}	22.09, -11.21, 11.78
CIE _{LCh}	22, 16.261, 133.578
Yxy	3.5398, 0.3243, 0.4219
Android (android.graphics.Color)	4280957219 (0xFF2A3923)
YUV	50.0070, -7.3985, -7.0221
Hunter-Lab	18.8145, -7.1069, 6.4581

Details

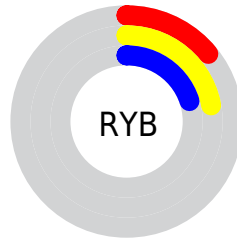
The Hex color **2A3923** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322339**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **586850**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **26391D**, and if you desaturate by 10%, it is **2E3929**.

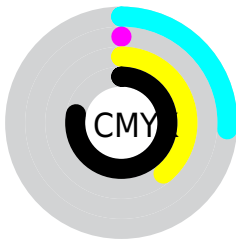
Distribution



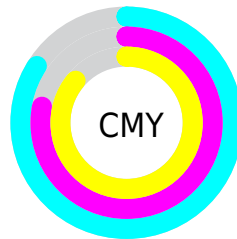
- Red (16%)
- Green (22%)
- Blue (14%)



- Red (14%)
- Yellow (22%)
- Blue (20%)



- Cyan (26%)
- Magenta (0%)
- Yellow (39%)
- Black (78%)



- Cyan (84%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3923 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 2A3923 by changing the saturation by 10% instead.



2A3923



2A3923

FFFFFF



15230E



586850



000E00



708168



000000



8A9B81



A4B69B



C0D2B6



DBEED1



F8FFEE



2A3923



2A3923

■ 26391D

■ 2E3929

■ 223918

■ 32392E

■ 1E3912

■ 363934

■ 1A390C

■ 3A393A

■ 173907

■ 3D3940

■ 133901

■ 413945

■ 123900

■ 45394B

■ 493951

■ 4D3956

Harmonies

Analogous

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



37361D



2A3923



1B3B2E

Triad

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



2A3923



18384C



4C2C30

Complementary

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



2A3923



322339

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.



482C3C



2A3923



2C344C

Square

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



2A3923



063A45



3D3046



4A2E25

Rectangle

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



2A3923



103B36



3D3046



4C2C34

Sweetspot

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



2A3923



444A41



393223



232621



A6A6A6



262626

Same Dimension

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



2A3923



334A28



233927



1A1C19



1D5C00



46DB00

Inverse Universe

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



322339



3F284A



392335



1B191C



3F005C



9600DB

Previews

White Background



This preview shows how the Hex color 2A3923 looks on a white background.

Color Contrast Check

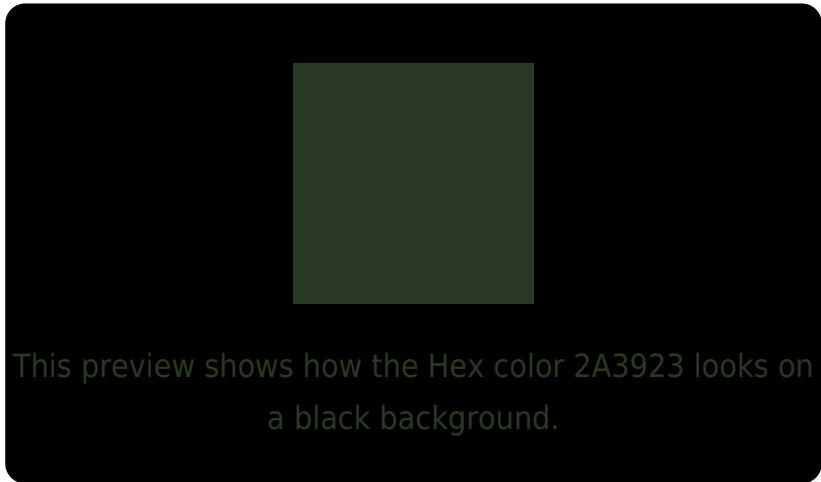
Large Text (above 18pt) WCAG AA ✓ Pass

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

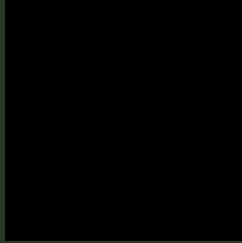
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

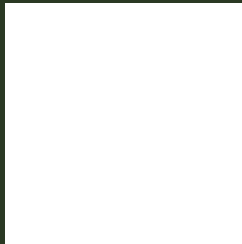
Any Text WCAG AAA × Fail

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

Hex 2A3923 Background



This preview shows how black text looks on a background with the Hex color 2A3923.



This preview shows how white text looks on a background with the Hex color 2A3923.

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](#).

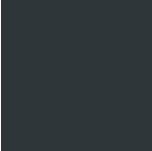
Dichromacy



Original Color
2A3923

Protanopia
393521

Deuteranopia
3F3224



Tritanopia
2E363A

Trichromacy



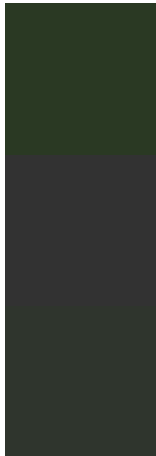
Original Color
2A3923

Protanomaly
343622

Deuteranomaly
373524

Tritanomaly
2D3732

Monochromacy



Original Color
2A3923

Achromatopsia
323232

Achromatomaly
2F352D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3923 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 #2A3923 looks like.

```
.text, #text, p{  
    color:#2A3923  
}
```

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 #2A3923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3923
}
```

Border

The CSS property to change the border of an element to Hex 2A3923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

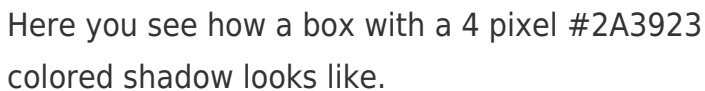
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3923 }
```

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

```
.border{ border-color:#2A3923 }
```

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



Here you see how a box with a 4 pixel #2A3923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3923; -webkit-box-shadow:4px 4px  
4px 4px #2A3923; box-shadow:4px 4px 4px  
4px #2A3923 }
```

Background

The CSS property to change the background color of an element to Hex 2A3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3923 }
```

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

```
.background{ background-color:#2A3923 }
```

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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