

Converting Colors

Hex(3A2318)

Have a look what the booklet for
Hex(3A2318) contains.

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Color

Hex(3A2318)

Conversions

Conversions Part 1

Format	Color
Hex	3A2318
RGB	58, 35, 24
RGB Percent	23%, 14%, 9%
CMY	0.7725, 0.8627, 0.9059
CMYK	0.00, 0.40, 0.59, 0.77
HSL	19°, 41%, 16%
HSV	19°, 59%, 23%
XYZ	2.5108, 2.1676, 1.1502
YIQ	40.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

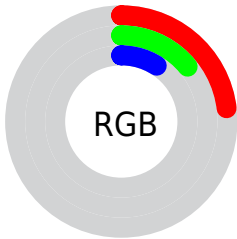
Format	Color
R_{YB}	58, 40, 24
Decimal	3810072
CIE Lab	16.34, 9.50, 11.88
CIE LCh	16, 15.213, 51.347
Yxy	2.1676, 0.4308, 0.3719
Android (android.graphics.Color)	4282000152 (0xFF3A2318)
YUV	40.6230, -8.1951, 15.2396
Hunter-Lab	14.7226, 4.6772, 5.6738

Details

The Hex color **3A2318** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **182F3A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6B5043**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A1F12**, and if you desaturate by 10%, it is **3A271E**.

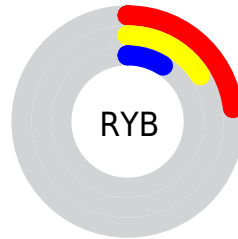
Distribution



 Red (23%)

 Green (14%)

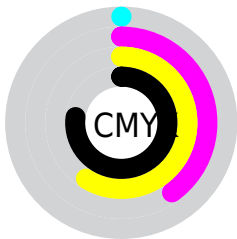
 Blue (9%)



 Red (23%)

 Yellow (16%)

 Blue (9%)

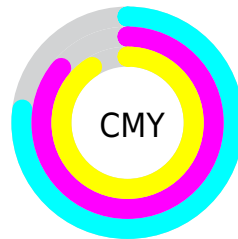


 Cyan (0%)


 Magenta (40%)

 Yellow (59%)

 Black (77%)



 Cyan (77%)

 Magenta (86%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2318 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 3A2318 by changing the saturation by 10% instead.

 3A2318

 3A2318

 FFFFFB

 250E00

 6B5043

 000000

 85685A

 9F8173

 BA9B8C

 D6B6A7

 F3D1C2

 FFEEDC

 3A2318

 3A2318

■ 3A1F12

■ 3A271E

■ 3A1B0C

■ 3A2B24

■ 3A1707

■ 3A2F29

■ 3A1301

■ 3A332F

■ 3A1300

■ 3A3735

■ 3A3B3B

■ 3A3E41

■ 3A4246

■ 3A464C

Harmonies

Analogous

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



3D2021



3A2318



322713

Triad

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



3A2318



0C2E25



25273D

Complementary

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



3A2318



182F3A

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.



122B3E



3A2318



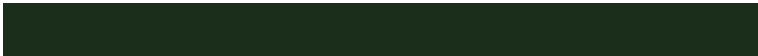
002E30

Square

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



3A2318



1B2D1B



002D39



332336

Rectangle

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



3A2318



2B2913



002D39



1F283E

Sweetspot

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



3A2318



4D433F



3A182F



26211E



A6A6A6



262626

Same Dimension

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



3A2318



4D2817



3A3418



1C1A19



5C1E00



DB4700

Inverse Universe

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



182F3A



173B4D



181E3A



191B1C



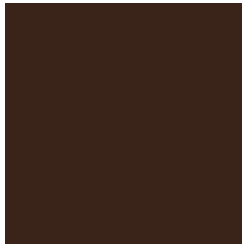
003E5C



0094DB

Previews

White Background



This preview shows how the Hex color 3A2318 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

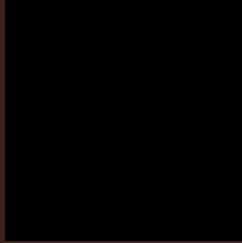
Any Text WCAG AA × Fail

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 3A2318 Background



This preview shows how black text looks on a background with the Hex color 3A2318.

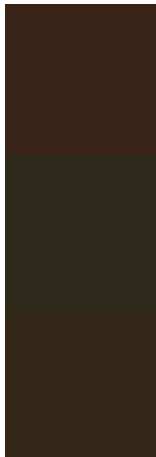


This preview shows how white text looks on a background with the Hex color 3A2318.

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
3A2318

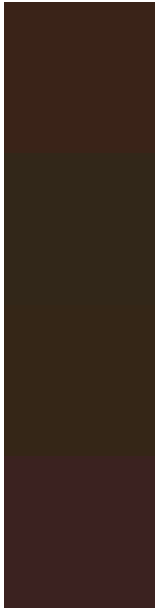
Protanopia
2D291A

Deuteranopia
322717



Tritanopia
3B2124

Trichromacy



Original Color
3A2318

Protanomaly
322719

Deuteranomaly
352617

Tritanomaly
3B2220

Monochromacy



Original Color
3A2318

Achromatopsia
292929

Achromatomaly
2F2723

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2318 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 #3A2318 looks like.

```
.text, #text, p{  
    color:#3A2318  
}
```

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 #3A2318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2318
}
```

Border

The CSS property to change the border of an element to Hex 3A2318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

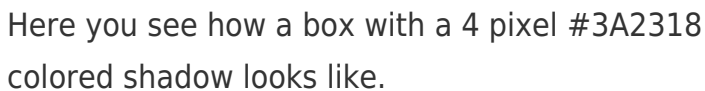
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2318 }
```

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

```
.border{ border-color:#3A2318 }
```

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



Here you see how a box with a 4 pixel #3A2318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2318; -webkit-box-shadow:4px 4px  
4px 4px #3A2318; box-shadow:4px 4px 4px  
4px #3A2318 }
```

Background

The CSS property to change the background color of an element to Hex 3A2318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2318 }
```

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

```
.background{ background-color:#3A2318 }
```

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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