

Converting Colors

Hex(3A2A17)

Have a look what the booklet for
Hex(3A2A17) contains.

Hex(3A2A17)	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(3A2A17)

Conversions

Conversions Part 1

Format	Color
Hex	3A2A17
RGB	58, 42, 23
RGB Percent	23%, 16%, 9%
CMY	0.7725, 0.8353, 0.9098
CMYK	0.00, 0.28, 0.60, 0.77
HSL	33°, 43%, 16%
HSV	33°, 60%, 23%
XYZ	2.7275, 2.6173, 1.1720
YIQ	44.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

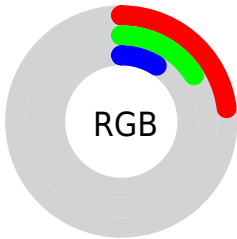
Format	Color
R_{YB}	52, 58, 23
Decimal	3811863
CIE Lab	18.44, 4.63, 15.22
CIE LCh	18, 15.909, 73.098
Yxy	2.6173, 0.4185, 0.4016
Android (android.graphics.Color)	4282001943 (0xFF3A2A17)
YUV	44.6180, -10.6577, 11.7360
Hunter-Lab	16.1782, 1.7822, 7.0294

Details

The Hex color **3A2A17** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17273A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6B5742**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A2711**, and if you desaturate by 10%, it is **3A2D1D**.

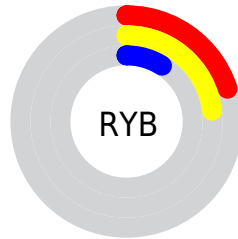
Distribution



Red (23%)

Green (16%)

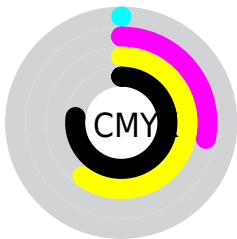
Blue (9%)



Red (20%)

Yellow (23%)

Blue (9%)

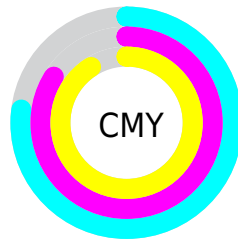


Cyan (0%)

Magenta (28%)

Yellow (60%)

Black (77%)



Cyan (77%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2A17 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 3A2A17 by changing the saturation by 10% instead.

■ 3A2A17

■ 3A2A17

■ FFFFA

■ 251500

■ 6B5742

■ 000000

■ 84705A

■ 9F8972

■ BAA38C

■ D6BEA6

■ F3DAC1

■ FFF7DD

■ 3A2A17

■ 3A2A17

■ 3A2711

■ 3A2D1D

■ 3A250B

■ 3A2F23

■ 3A2206

■ 3A3228

■ 3A1F00

■ 3A352E

■ 3A3734

■ 3A3A3A

■ 3A3D40

■ 3A3F45

■ 3A424B

Harmonies

Analogous

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



41261E



3A2A17



2F2E16

Triad

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



3A2A17



023332



35283E

Complementary

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



3A2A17



17273A

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.



242C43



3A2A17



00323C

Square

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



3A2A17



143326



0F3043



3F2534

Rectangle

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



3A2A17



273019



0F3043



302A40

Sweetspot

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



3A2A17



4D463F



3A1727



26221E



A6A6A6



262626

Same Dimension

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



3A2A17



4D3315



393A17



1C1B19



5C3200



DB7700

Inverse Universe

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



17273A



152F4D



18173A



191B1C



002A5C



0064DB

Previews

White Background



This preview shows how the Hex color 3A2A17 looks on a white background.

Color Contrast Check

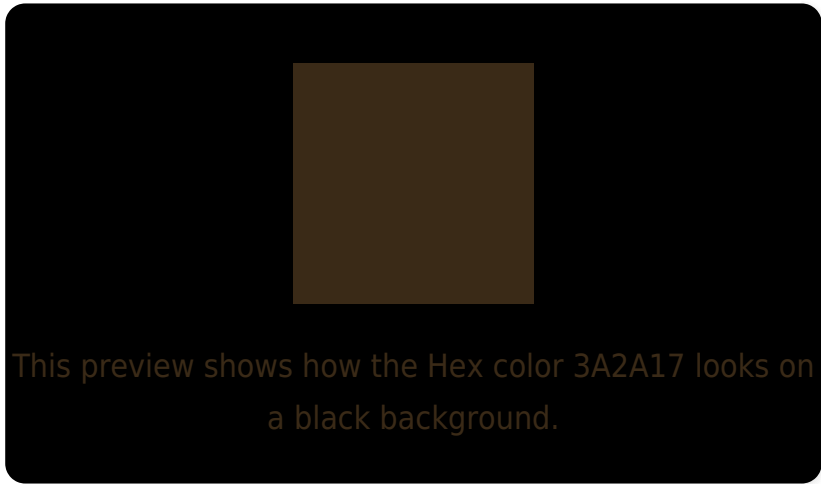
Large Text (above 18pt) WCAG AA ✓ Pass

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

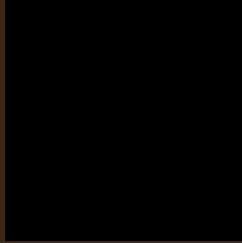
Any Text WCAG AA × Fail

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 3A2A17 Background



This preview shows how black text looks on a background with the Hex color 3A2A17.

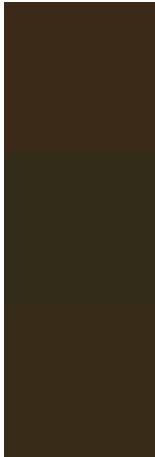


This preview shows how white text looks on a background with the Hex color 3A2A17.

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](#).

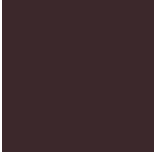
Dichromacy



Original Color
3A2A17

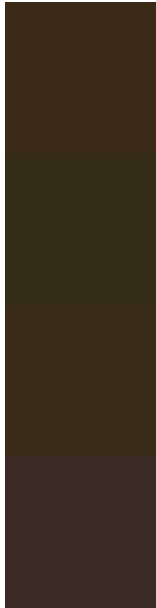
Protanopia
322D18

Deuteranopia
382B17



Tritanopia
3C282B

Trichromacy



Original Color
3A2A17

Protanomaly
352C18

Deuteranomaly
392B17

Tritanomaly
3B2924

Monochromacy



Original Color
3A2A17

Achromatopsia
2D2D2D

Achromatomaly
322C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2A17 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 #3A2A17 looks like.

```
.text, #text, p{  
    color:#3A2A17  
}
```

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 #3A2A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2A17
}
```

Border

The CSS property to change the border of an element to Hex 3A2A17 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
#3A2A17 }
```

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

```
.border{ border-color:#3A2A17 }
```

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

Here you see how a box with a 4 pixel #3A2A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2A17; -webkit-box-shadow:4px 4px  
4px 4px #3A2A17; box-shadow:4px 4px 4px  
4px #3A2A17 }
```

Background

The CSS property to change the background color of an element to Hex 3A2A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2A17 }
```

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

```
.background{ background-color:#3A2A17 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor