

# Converting Colors

Hex(3A2B16)

Have a look what the booklet for  
Hex(3A2B16) contains.

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# Color

**Hex(3A2B16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A2B16
RGB	58, 43, 22
RGB Percent	23%, 17%, 9%
CMY	0.7725, 0.8314, 0.9137
CMYK	0.00, 0.26, 0.62, 0.77
HSL	35°, 45%, 16%
HSV	35°, 62%, 23%
XYZ	2.7536, 2.6852, 1.1322
YIQ	45.0910, 15.6810, -3.3510

# Conversions

## Conversions Part 2

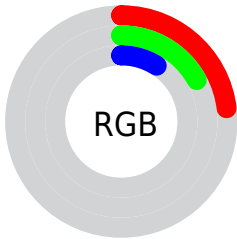
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 58, 22
Decimal	3812118
CIELab	18.74, 3.84, 16.24
CIElCh	19, 16.684, 76.697
Yxy	2.6852, 0.4191, 0.4086
Android (android.graphics.Color)	4282002198 (0xFF3A2B16)
YUV	45.0910, -11.3839, 11.3212
Hunter-Lab	16.3866, 1.3186, 7.3740

# Details

The Hex color **3A2B16** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16253A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6B5841**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A2910**, and if you desaturate by 10%, it is **3A2D1C**.

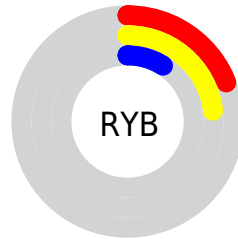
# Distribution



Red (23%)

Green (17%)

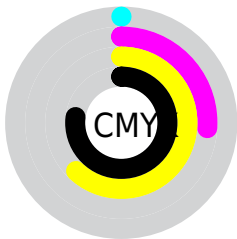
Blue (9%)



Red (19%)

Yellow (23%)

Blue (9%)

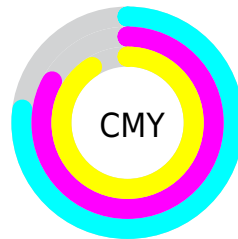


Cyan (0%)

Magenta (26%)

Yellow (62%)

Black (77%)



Cyan (77%)

Magenta (83%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A2B16 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 3A2B16 by changing the saturation by 10% instead.



 3A2B16

 3A2B16

 FFFFF9

 251600

 6B5841

 000000

 847159

 9F8A71

 BAA48B

 D6BFA5

 F3DBC0

 FFF8DC

 3A2B16

 3A2B16

■ 3A2910

■ 3A2D1C

■ 3A260A

■ 3A3022

■ 3A2405

■ 3A3227

■ 3A2200

■ 3A352D

■ 3A3733

■ 3A3A39

■ 3A3C3F

■ 3A3E44

■ 3A414A

# Harmonies

## Analogous

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



42271D



3A2B16



2F2F16

# Triad

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



3A2B16



003434



37283E

# Complementary

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



3A2B16



16253A

# 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.



272C45



3A2B16



00333F

# Square

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



3A2B16



103428



103045



422533

# Rectangle

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



3A2B16



26311A



103045



322941



# Sweetspot

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



3A2B16



4D463E



3A1625



26231D



A6A6A6



262626



# Same Dimension

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



3A2B16



4D3514



373A16



1C1B19



5C3600



DB8000



# Inverse Universe

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



16253A



142B4D



19163A



191A1C



00265C



005BDB



# Previews

## White Background



This preview shows how the Hex color 3A2B16 looks on a white background.

## Color Contrast Check

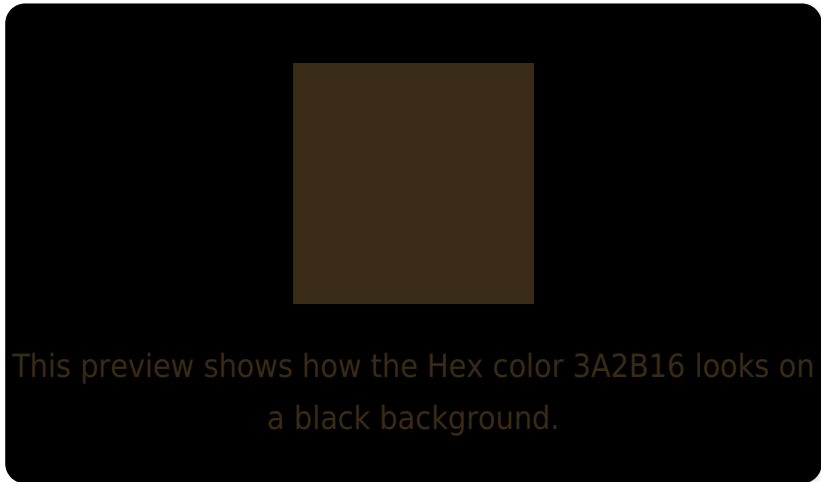
Large Text (above 18pt) WCAG AA ✓ Pass

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

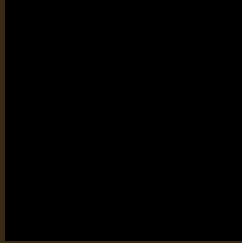
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A2B16 Background



This preview shows how black text looks on a background with the Hex color 3A2B16.



This preview shows how white text looks on a background with the Hex color 3A2B16.

# 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**  
3A2B16

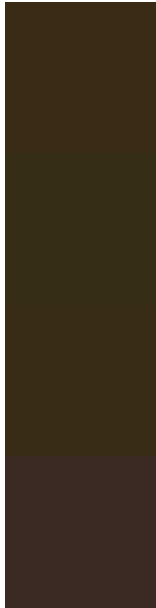
**Protanopia**  
332E17

**Deuteranopia**  
392C16



**Tritanopia**  
3C292C

# Trichromacy



**Original Color**  
3A2B16

**Protanomaly**  
362D17

**Deuteranomaly**  
392C16

**Tritanomaly**  
3B2A24

# Monochromacy



**Original Color**  
3A2B16

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
322C25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A2B16 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 #3A2B16 looks like.

```
.text, #text, p{  
    color:#3A2B16  
}
```

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 #3A2B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2B16
}
```

## Border

The CSS property to change the border of an element to Hex 3A2B16 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
#3A2B16 }
```

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

```
.border{ border-color:#3A2B16 }
```

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

Here you see how a box with a 4 pixel #3A2B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2B16; -webkit-box-shadow:4px 4px  
4px 4px #3A2B16; box-shadow:4px 4px 4px  
4px #3A2B16 }
```

# Background

The CSS property to change the background color of an element to Hex 3A2B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2B16 }
```

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

```
.background{ background-color:#3A2B16 }
```

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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