

Converting Colors

Hex(3A2101)

Have a look what the booklet for
Hex(3A2101) contains.

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Color

Hex(3A2101)

Conversions

Conversions Part 1

Format	Color
Hex	3A2101
RGB	58, 33, 1
RGB Percent	23%, 13%, 0%
CMY	0.7725, 0.8706, 0.9961
CMYK	0.00, 0.43, 0.98, 0.77
HSL	34°, 97%, 12%
HSV	34°, 98%, 23%
XYZ	2.2943, 1.9894, 0.2918
YIQ	36.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

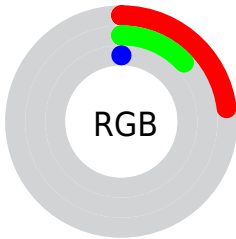
Format	Color
RYB	46, 58, 1
Decimal	3809537
CIELab	15.43, 9.02, 22.43
CIElCh	15, 24.178, 68.097
Yxy	1.9894, 0.5014, 0.4348
Android (android.graphics.Color)	4281999617 (0xFF3A2101)
YUV	36.8270, -17.6627, 18.5687
Hunter-Lab	14.1048, 4.3512, 8.6468

Details

The Hex color **3A2101** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **011A3A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6C4D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A2100**, and if you desaturate by 10%, it is **3A2407**.

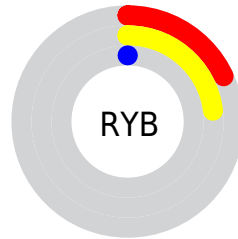
Distribution



Red (23%)

Green (13%)

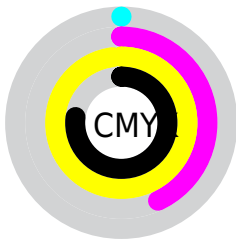
Blue (0%)



Red (18%)

Yellow (23%)

Blue (0%)

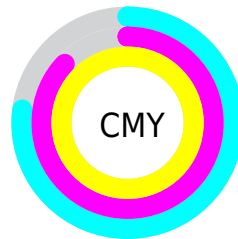


Cyan (0%)

Magenta (43%)

Yellow (98%)

Black (77%)



Cyan (77%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2101 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 3A2101 by changing the saturation by 10% instead.

 3A2101

 3A2101

 FFFFE3

 230C00

 6C4D30

 000000

 866546

 A17E5E

 BD9877

 D9B391

 F6CEAC

 FFEBC7

 3A2101

 3A2101

■ 3A2100

■ 3A2407

■ 3A260D

■ 3A2912

■ 3A2B18

■ 3A2E1E

■ 3A3024

■ 3A332A

■ 3A352F

■ 3A3835

Harmonies

Analogous

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



431A12



3A2101



2C2700

Triad

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



3A2101



002F2B



2D2042

Complementary

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



3A2101



011A3A

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.



0A2748



3A2101



002E3B

Square

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



3A2101



002E19



002C46



3F1934

Rectangle

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



3A2101



202A02



002C46



252345

Sweetspot

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



3A2101



4D4336



3A011B



262019



A6A6A6



262626

Same Dimension

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



3A2101



4D2B00



373A01



1C1B19



5C3400



DB7B00

Inverse Universe

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



011A3A



00224D



04013A



191A1C



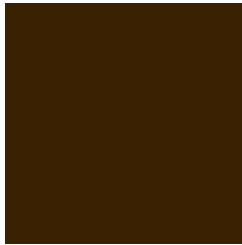
00285C



0060DB

Previews

White Background



This preview shows how the Hex color 3A2101 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

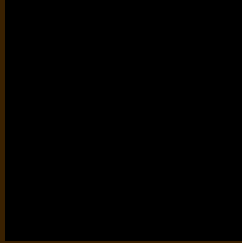
Any Text WCAG AA × Fail

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 3A2101 Background



This preview shows how black text looks on a background with the Hex color 3A2101.

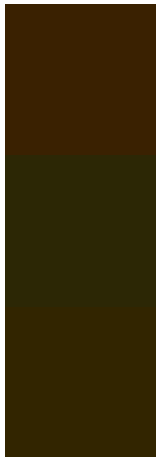


This preview shows how white text looks on a background with the Hex color 3A2101.

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
3A2101

Protanopia
2C2705

Deuteranopia
322500



Tritanopia
3B1F21

Trichromacy



Original Color
3A2101

Protanomaly
312504

Deuteranomaly
352400

Tritanomaly
3B2015

Monochromacy



Original Color
3A2101

Achromatopsia
252525

Achromatomaly
2D2418

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2101 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 #3A2101 looks like.

```
.text, #text, p{  
    color:#3A2101  
}
```

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 #3A2101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2101
}
```

Border

The CSS property to change the border of an element to Hex 3A2101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

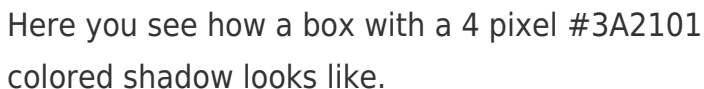
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2101 }
```

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

```
.border{ border-color:#3A2101 }
```

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



Here you see how a box with a 4 pixel #3A2101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2101; -webkit-box-shadow:4px 4px  
4px 4px #3A2101; box-shadow:4px 4px 4px  
4px #3A2101 }
```

Background

The CSS property to change the background color of an element to Hex 3A2101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2101 }
```

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

```
.background{ background-color:#3A2101 }
```

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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