

Converting Colors

Hex(3A210A)

Have a look what the booklet for
Hex(3A210A) contains.

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Color

Hex(3A210A)

Conversions

Conversions Part 1

Format	Color
Hex	3A210A
RGB	58, 33, 10
RGB Percent	23%, 13%, 4%
CMY	0.7725, 0.8706, 0.9608
CMYK	0.00, 0.43, 0.83, 0.77
HSL	29°, 71%, 13%
HSV	29°, 83%, 23%
XYZ	2.3436, 2.0092, 0.5514
YIQ	37.8530, 22.2830, -1.8530

Conversions

Conversions Part 2

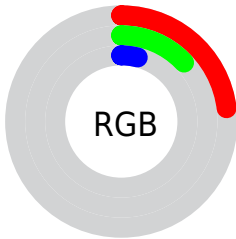
Format	Color
R_YB	58, 54, 10
Decimal	3809546
CIE Lab	15.54, 9.60, 18.90
CIE LCh	16, 21.196, 63.067
Yxy	2.0092, 0.4779, 0.4097
Android (android.graphics.Color)	4281999626 (0xFF3A210A)
YUV	37.8530, -13.7315, 17.6689
Hunter-Lab	14.1745, 4.7072, 7.6155

Details

The Hex color **3A210A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A233A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6C4D36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A1E04**, and if you desaturate by 10%, it is **3A2410**.

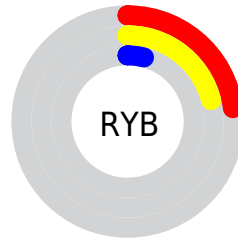
Distribution



Red (23%)

Green (13%)

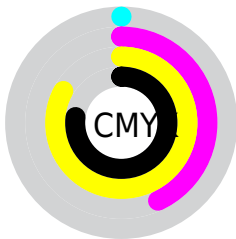
Blue (4%)



Red (23%)

Yellow (21%)

Blue (4%)

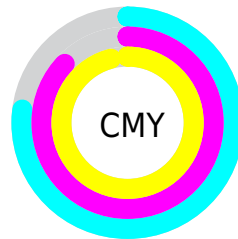


Cyan (0%)

Magenta (43%)

Yellow (83%)

Black (77%)



Cyan (77%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A210A 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 3A210A by changing the saturation by 10% instead.

 3A210A

 3A210A

 FFFFEA

 230C00

 6C4D36

 000000

 86654D

 A17E65

 BC987E

 D8B398

 F5CEB3

 FFEBCE

 3A210A

 3A210A

■ 3A1E04

■ 3A2410

■ 3A1C00

■ 3A2716

■ 3A2A1B

■ 3A2D21

■ 3A3027

■ 3A332D

■ 3A3633

■ 3A3938

■ 3A3C3E

Harmonies

Analogous

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



411C17



3A210A



2E2604

Triad

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



3A210A



002E28



2A2240

Complementary

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



3A210A



0A233A

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.



0B2845



3A210A



002E37

Square

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



3A210A



082D19



002C41



3A1C35

Rectangle

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



3A210A



242907



002C41



222442

Sweetspot

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



3A210A



4D4339



3A0A24



26201B



A6A6A6



262626

Same Dimension

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



3A210A



4D2501



3A380A



1C1B19



5C2C00



DB6900

Inverse Universe

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



0A233A



01284D



0A0C3A



191B1C



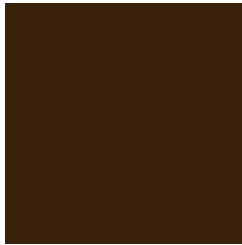
00305C



0072DB

Previews

White Background



This preview shows how the Hex color 3A210A 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

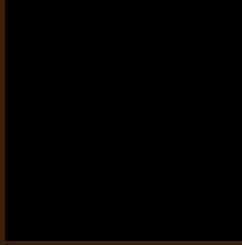
Any Text WCAG AA × Fail

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 3A210A Background



This preview shows how black text looks on a background with the Hex color 3A210A.

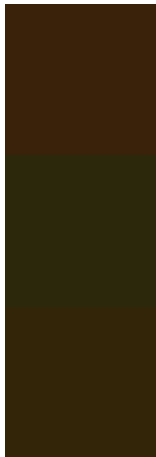


This preview shows how white text looks on a background with the Hex color 3A210A.

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](#).

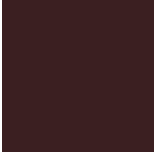
Dichromacy



Original Color
3A210A

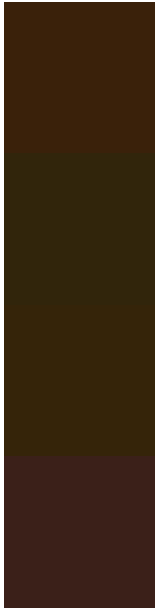
Protanopia
2C280C

Deuteranopia
322508



Tritanopia
3B1F21

Trichromacy



Original Color
3A210A

Protanomaly
31250B

Deuteranomaly
352409

Tritanomaly
3B2019

Monochromacy



Original Color
3A210A

Achromatopsia
262626

Achromatomaly
2D241C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A210A 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 #3A210A looks like.

```
.text, #text, p{  
    color:#3A210A  
}
```

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 #3A210A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A210A
}
```

Border

The CSS property to change the border of an element to Hex 3A210A is called "border". The border property can be set on classes, ids or directly on the HTML element.

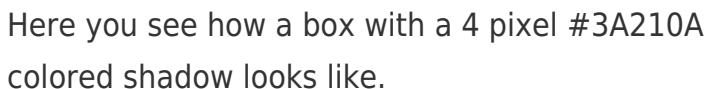
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A210A }
```

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

```
.border{ border-color:#3A210A }
```

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



Here you see how a box with a 4 pixel #3A210A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A210A; -webkit-box-shadow:4px 4px  
4px 4px #3A210A; box-shadow:4px 4px 4px  
4px #3A210A }
```

Background

The CSS property to change the background color of an element to Hex 3A210A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A210A }
```

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

```
.background{ background-color:#3A210A }
```

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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