

Converting Colors

Hex(38201A)

Have a look what the booklet for
Hex(38201A) contains.

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Color

Hex(38201A)

Conversions

Conversions Part 1

Format	Color
Hex	38201A
RGB	56, 32, 26
RGB Percent	22%, 13%, 10%
CMY	0.7804, 0.8745, 0.8980
CMYK	0.00, 0.43, 0.54, 0.78
HSL	12°, 37%, 16%
HSV	12°, 54%, 22%
XYZ	2.3339, 1.9484, 1.2303
YIQ	38.4920, 16.2300, 3.2220

Conversions

Conversions Part 2

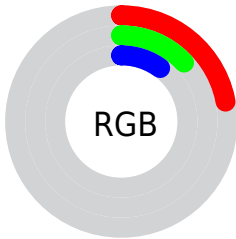
Format	Color
R_{YB}	56, 34, 26
Decimal	3678234
CIE _{Lab}	15.21, 10.79, 8.94
CIE _{LCh}	15, 14.007, 39.647
Yxy	1.9484, 0.4234, 0.3534
Android (android.graphics.Color)	4281868314 (0xFF38201A)
YUV	38.4920, -6.1586, 15.3545
Hunter-Lab	13.9584, 5.4183, 4.5448

Details

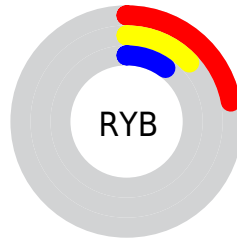
The Hex color **38201A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A3238**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **684C45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **381C14**, and if you desaturate by 10%, it is **382420**.

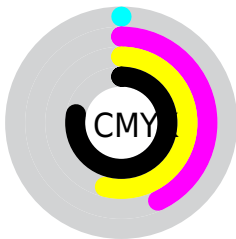
Distribution



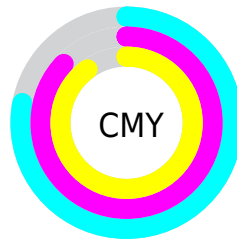
- Red (22%)
- Green (13%)
- Blue (10%)



- Red (22%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (43%)
- Yellow (54%)
- Black (78%)



- Cyan (78%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38201A 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 38201A by changing the saturation by 10% instead.

■ 38201A

■ 38201A

FFFFFFD

■ 240A00

■ 684C45

■ 000000

■ 82645D

■ 9C7D75

■ B8978F

■ D4B2A9

■ F0CDC5

■ FFEAE0

■ 38201A

■ 38201A

■ 381C14

■ 382420

■ 38170F

■ 382925

■ 381309

■ 382D2B

■ 380E04

■ 383230

■ 380B00

■ 383636

■ 383B3C

■ 383F41

■ 384447

■ 38484C

Harmonies

Analogous

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



391E23



38201A



322314

Triad

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



38201A



122B1F



1D2639

Complementary

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



38201A



1A3238

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.



0B2938



38201A



052B29

Square

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



38201A



1F2917



002B32



2B2235

Rectangle

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



38201A



2D2512



002B32



17273A

Sweetspot

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



38201A



4A403E



381A32



26201F



A6A6A6



262626

Same Dimension

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



38201A



4A241B



382F1A



1C1A19



5C1200



DB2C00

Inverse Universe

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



1A3238



1B404A



1A2338



191B1C



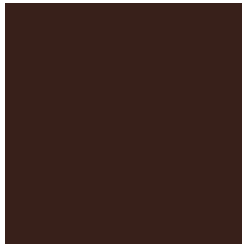
00495C



00AFDB

Previews

White Background



This preview shows how the Hex color 38201A looks on a white background.

Color Contrast Check

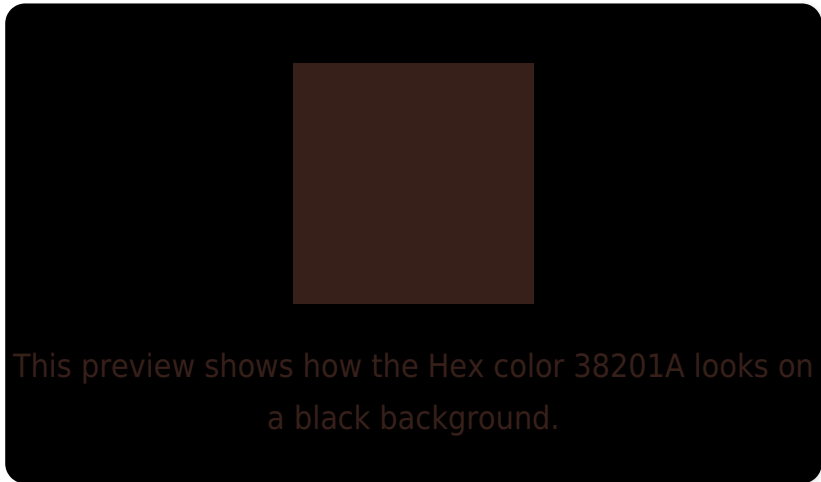
Large Text (above 18pt) WCAG AA ✓ Pass

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

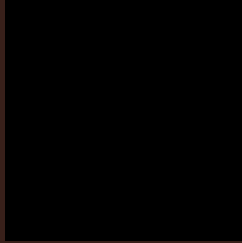
Any Text WCAG AA × Fail

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 38201A Background



This preview shows how black text looks on a background with the Hex color 38201A.

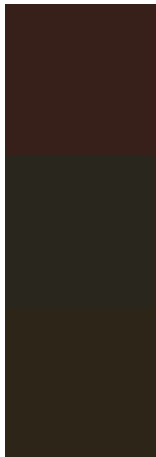


This preview shows how white text looks on a background with the Hex color 38201A.

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
38201A

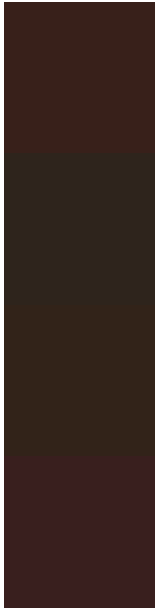
Protanopia
29271D

Deuteranopia
2E2519



Tritanopia
391F21

Trichromacy



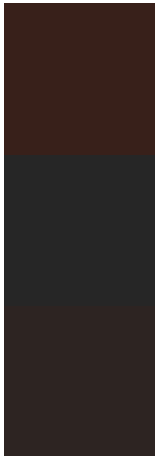
Original Color
38201A

Protanomaly
2E241C

Deuteranomaly
322319

Tritanomaly
391F1E

Monochromacy



Original Color
38201A

Achromatopsia
262626

Achromatomaly
2D2422

CSS Examples

Text

The CSS property to change the color of the text to Hex 38201A 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 #38201A looks like.

```
.text, #text, p{  
    color:#38201A  
}
```

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 #38201A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38201A
}
```

Border

The CSS property to change the border of an element to Hex 38201A is called "border". The border property can be set on classes, ids or directly on the HTML element.

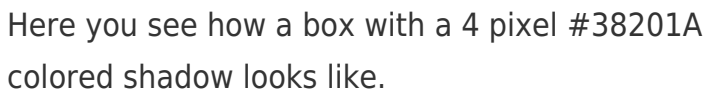
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38201A }
```

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

```
.border{ border-color:#38201A }
```

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



Here you see how a box with a 4 pixel #38201A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38201A; -webkit-box-shadow:4px 4px  
4px 4px #38201A; box-shadow:4px 4px 4px  
4px #38201A }
```

Background

The CSS property to change the background color of an element to Hex 38201A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38201A }
```

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

```
.background{ background-color:#38201A }
```

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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