

Converting Colors

Hex(3C4217)

Have a look what the booklet for
Hex(3C4217) contains.

Hex(3C4217)	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(3C4217)

Conversions

Conversions Part 1

Format	Color
Hex	3C4217
RGB	60, 66, 23
RGB Percent	24%, 26%, 9%
CMY	0.7647, 0.7412, 0.9098
CMYK	0.09, 0.00, 0.65, 0.74
HSL	68°, 48%, 17%
HSV	68°, 65%, 26%
XYZ	3.9663, 4.9189, 1.5510
YIQ	59.3040, 10.2270, -14.6450

Conversions

Conversions Part 2

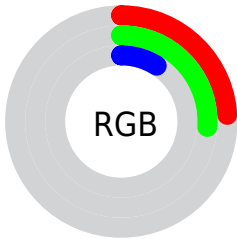
Format	Color
R_{YB}	23, 66, 29
Decimal	3949079
CIE Lab	26.50, -9.77, 24.80
CIE LCh	27, 26.654, 111.508
Yxy	4.9189, 0.3801, 0.4713
Android (android.graphics.Color)	4282139159 (0xFF3C4217)
YUV	59.3040, -17.8979, 0.6104
Hunter-Lab	22.1787, -6.8905, 11.3788

Details

The Hex color **3C4217** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D1742**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6D7244**, and **0B1800** is the 20% darker color. If you saturate the color by 10%, you get **3B4210**, and if you desaturate by 10%, it is **3D421E**.

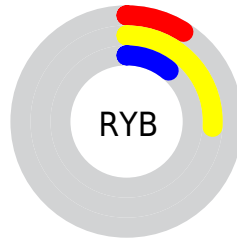
Distribution



Red (24%)

Green (26%)

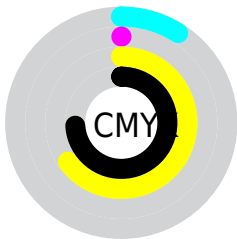
Blue (9%)



Red (9%)

Yellow (26%)

Blue (11%)

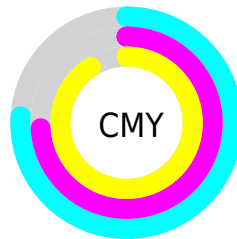


Cyan (9%)

Magenta (0%)

Yellow (65%)

Black (74%)



Cyan (76%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4217 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 3C4217 by changing the saturation by 10% instead.



3C4217



3C4217

FFFFFFD



262C00



6D7244



0B1800



868B5C



000000



A1A675



BCC18F



D8DDA9



F5F9C5



FFFFE1



3C4217



3C4217

■ 3B4210

■ 3D421E

■ 3A420A

■ 3E4224

■ 394203

■ 3F422B

■ 394200

■ 404231

■ 414238

■ 42423F

■ 424245

■ 43424C

■ 444252

Harmonies

Analogous

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



4F3C15



3C4217



244624

Triad

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



3C4217



00475E



612E45

Complementary

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



3C4217



1D1742

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.



523458



3C4217



004367

Square

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



3C4217



00494D



363C64



642E31

Rectangle

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



3C4217



0A4831



363C64



5D2F4C

Sweetspot

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



3C4217



545745



421D17



2A2B21



ABABAB



2B2B2B

Same Dimension

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



3C4217



4D5713



274217



21211E



536100



C1E000

Inverse Universe

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



1D1742



1D1357



321742



1E1E21



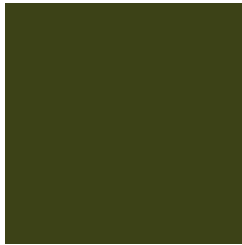
0E0061



1F00E0

Previews

White Background



This preview shows how the Hex color 3C4217 looks on a white background.

Color Contrast Check

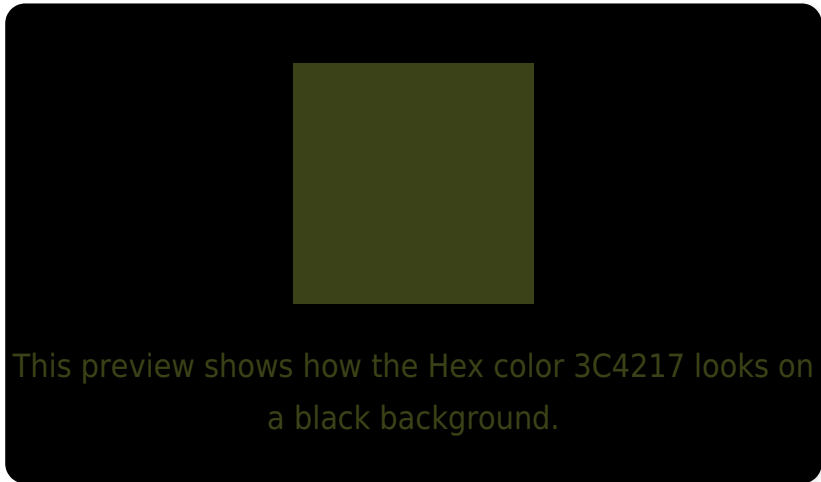
Large Text (above 18pt) WCAG AA ✓ Pass

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

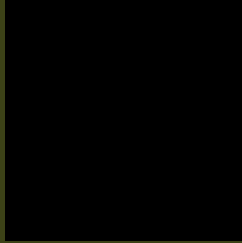
Any Text WCAG AA × Fail

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 3C4217 Background



This preview shows how black text looks on a background with the Hex color 3C4217.



This preview shows how white text looks on a background with the Hex color 3C4217.

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
3C4217

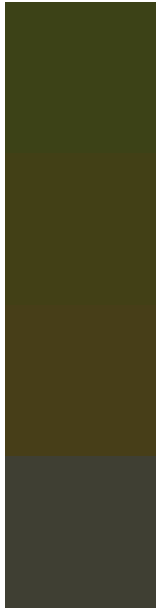
Protanopia
463F16

Deuteranopia
4E3C19



Tritanopia
403E43

Trichromacy



Original Color
3C4217

Protanomaly
424016

Deuteranomaly
473E18

Tritanomaly
3F3F33

Monochromacy



Original Color
3C4217

Achromatopsia
3B3B3B

Achromatomaly
3B3E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4217 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 #3C4217 looks like.

```
.text, #text, p{  
  color:#3C4217  
}
```

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 #3C4217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4217
}
```

Border

The CSS property to change the border of an element to Hex 3C4217 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
#3C4217 }
```

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

```
.border{ border-color:#3C4217 }
```

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

Here you see how a box with a 4 pixel #3C4217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4217; -webkit-box-shadow:4px 4px  
4px 4px #3C4217; box-shadow:4px 4px 4px  
4px #3C4217 }
```

Background

The CSS property to change the background color of an element to Hex 3C4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4217 }
```

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

```
.background{ background-color:#3C4217 }
```

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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