

Converting Colors

Hex(3B4212)

Have a look what the booklet for
Hex(3B4212) contains.

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Color

Hex(3B4212)

Conversions

Conversions Part 1

Format	Color
Hex	3B4212
RGB	59, 66, 18
RGB Percent	23%, 26%, 7%
CMY	0.7686, 0.7412, 0.9294
CMYK	0.11, 0.00, 0.73, 0.74
HSL	69°, 57%, 16%
HSV	69°, 73%, 26%
XYZ	3.8610, 4.8699, 1.3088
YIQ	58.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

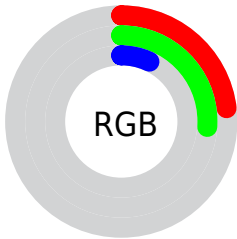
Format	Color
R_{YB}	18, 66, 25
Decimal	3883538
CIE Lab	26.36, -10.71, 27.22
CIE LCh	26, 29.253, 111.476
Yxy	4.8699, 0.3846, 0.4851
Android (android.graphics.Color)	4282073618 (0xFF3B4212)
YUV	58.4350, -19.9345, 0.4955
Hunter-Lab	22.0679, -7.3881, 11.9313

Details

The Hex color **3B4212** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **191242**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6C723F**, and **081800** is the 20% darker color. If you saturate the color by 10%, you get **3A420B**, and if you desaturate by 10%, it is **3C4219**.

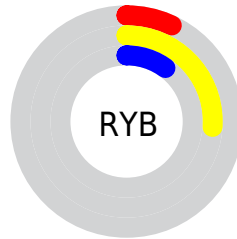
Distribution



Red (23%)

Green (26%)

Blue (7%)



Red (7%)

Yellow (26%)

Blue (10%)

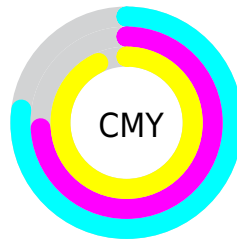


Cyan (11%)

Magenta (0%)

Yellow (73%)

Black (74%)



Cyan (77%)

Magenta (74%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4212 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 3B4212 by changing the saturation by 10% instead.

 3B4212

 3B4212


 FFFFF8

 252C00

 6C723F

 081800

 868B57

 000000

 A0A670

 BCC18A

 D8DDA4

 F4F9BF

 FFFFDB

 3B4212

 3B4212

■ 3A420B

■ 3C4219

■ 394205

■ 3D421F

■ 384200

■ 3E4226

■ 3F422C

■ 404233

■ 41423A

■ 424240

■ 434247

■ 44424D

Harmonies

Analogous

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



503B10



3B4212



204721

Triad

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



3B4212



004761



642B46

Complementary

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



3B4212



191242

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.



53325A



3B4212



00436A

Square

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



3B4212



00494E



343B68



672C2F

Rectangle

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



3B4212



00482F



343B68



602D4D

Sweetspot

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



3B4212



545744



421812



2A2B20



ABABAB



2B2B2B

Same Dimension

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



3B4212



4C570B



244212



21211E



536100



C0E000

Inverse Universe

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



191242



160B57



301242



1E1E21



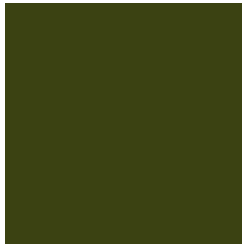
0E0061



2100E0

Previews

White Background



This preview shows how the Hex color 3B4212 looks on a white background.

Color Contrast Check

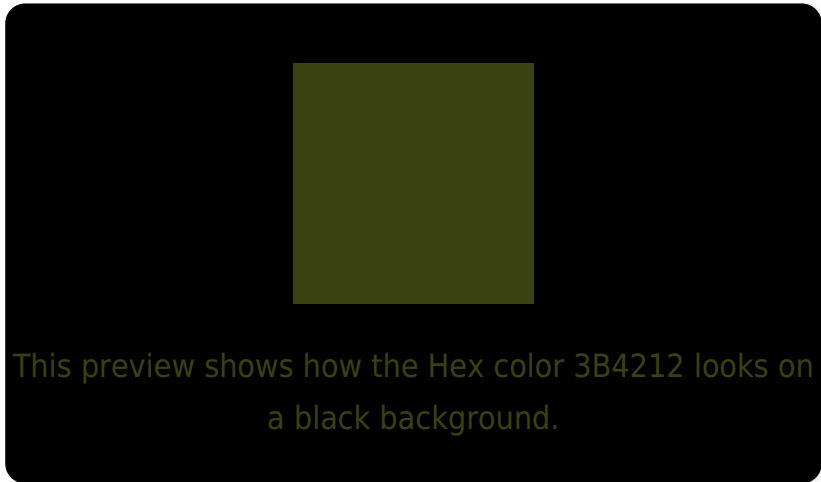
Large Text (above 18pt) WCAG AA ✓ Pass

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

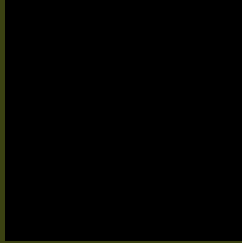
Any Text WCAG AA × Fail

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 3B4212 Background



This preview shows how black text looks on a background with the Hex color 3B4212.



This preview shows how white text looks on a background with the Hex color 3B4212.

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
3B4212

Protanopia
463F11

Deuteranopia
4E3B15



Tritanopia
403E42

Trichromacy



Original Color
3B4212

Protanomaly
424011

Deuteranomaly
473E14

Tritanomaly
3E3F31

Monochromacy



Original Color
3B4212

Achromatopsia
3A3A3A

Achromatomaly
3A3D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4212 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 #3B4212 looks like.

```
.text, #text, p{  
    color:#3B4212  
}
```

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 #3B4212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4212
}
```

Border

The CSS property to change the border of an element to Hex 3B4212 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
#3B4212 }
```

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

```
.border{ border-color:#3B4212 }
```

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

Here you see how a box with a 4 pixel #3B4212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4212; -webkit-box-shadow:4px 4px  
4px 4px #3B4212; box-shadow:4px 4px 4px  
4px #3B4212 }
```

Background

The CSS property to change the background color of an element to Hex 3B4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4212 }
```

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

```
.background{ background-color:#3B4212 }
```

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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