

Converting Colors

Hex(3A7414)

Have a look what the booklet for
Hex(3A7414) contains.

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Color

Hex(3A7414)

Conversions

Conversions Part 1

Format	Color
Hex	3A7414
RGB	58, 116, 20
RGB Percent	23%, 45%, 8%
CMY	0.7725, 0.5451, 0.9216
CMYK	0.50, 0.00, 0.83, 0.55
HSL	96°, 71%, 27%
HSV	96°, 83%, 45%
XYZ	8.1166, 13.4408, 2.8284
YIQ	87.7140, -3.7520, -42.1520

Conversions

Conversions Part 2

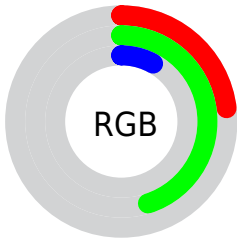
Format	Color
R_{YB}	20, 116, 78
Decimal	3830804
CIE _{Lab}	43.42, -35.94, 43.22
CIE _{LCh}	43, 56.208, 129.747
Yxy	13.4408, 0.3328, 0.5512
Android (android.graphics.Color)	4282020884 (0xFF3A7414)
YUV	87.7140, -33.3830, -26.0592
Hunter-Lab	36.6617, -24.6397, 21.0891

Details

The Hex color **3A7414** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4E1474**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6FA948**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **337408**, and if you desaturate by 10%, it is **417420**.

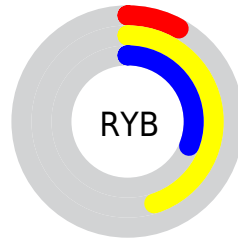
Distribution



Red (23%)

Green (45%)

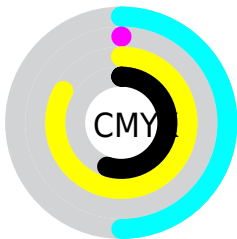
Blue (8%)



Red (8%)

Yellow (45%)

Blue (31%)

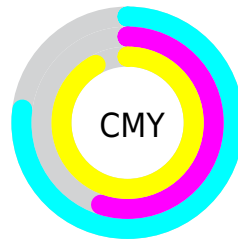


Cyan (50%)

Magenta (0%)

Yellow (83%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7414 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 3A7414 by changing the saturation by 10% instead.



3A7414



3A7414

FFFFFF



1E5B00



6FA948



004300



8AC462



002C00



A6E07C



001400



C2FD96



000000



DFFFB2



FCFFCE



FFFFEA



3A7414



3A7414

■ 337408

■ 417420

■ 2E7400

■ 48742B

■ 4F7437

■ 567442

■ 5D744E

■ 64745A

■ 6B7465

■ 727471

■ 79747C

Harmonies

Analogous

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



6E6900



3A7414



007A44

Triad

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



3A7414



0074BE



B93459

Complementary

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



3A7414



4E1474

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.



A93C88



3A7414



0067C3

Square

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



3A7414



007AA1



7B53AF



B0432D

Rectangle

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



3A7414



007B65



7B53AF



B63469

Sweetspot

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



3A7414



809671



744E14



3F4D36



CCCCCC



4D4D4D

Same Dimension

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



3A7414



3C9602



14741E



373B35



307A00



63FA00

Inverse Universe

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



4E1474



5B0296



74146A



38353B



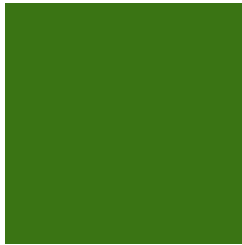
4A007A



9700FA

Previews

White Background



This preview shows how the Hex color 3A7414 looks on a white background.

Color Contrast Check

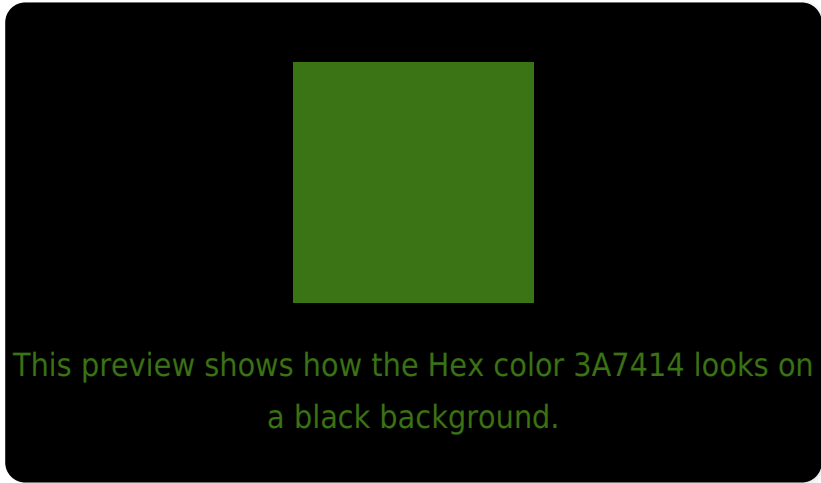
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3A7414 Background



This preview shows how black text looks on a background with the Hex color 3A7414.



This preview shows how white text looks on a background with the Hex color 3A7414.

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
3A7414

Protanopia
736610

Deuteranopia
80611E



Tritanopia
496C75

Trichromacy



Original Color
3A7414

Protanomaly
5E6B11

Deuteranomaly
67681A

Tritanomaly
446F52

Monochromacy



Original Color
3A7414

Achromatopsia
585858

Achromatomaly
4D623F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7414 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 #3A7414 looks like.

```
.text, #text, p{  
    color:#3A7414  
}
```

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 #3A7414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7414
}
```

Border

The CSS property to change the border of an element to Hex 3A7414 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".

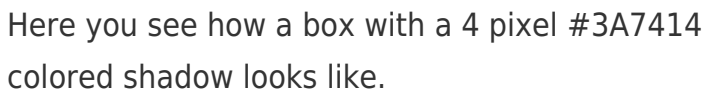
```
.border, #border, table{ border:4px solid
#3A7414 }
```

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

```
.border{ border-color:#3A7414 }
```

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

Here you see how a box with a 4 pixel #3A7414 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7414; -webkit-box-shadow:4px 4px  
4px 4px #3A7414; box-shadow:4px 4px 4px  
4px #3A7414 }
```

Background

The CSS property to change the background color of an element to Hex 3A7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7414 }
```

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

```
.background{ background-color:#3A7414 }
```

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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