

Converting Colors

Hex(3B7D14)

Have a look what the booklet for
Hex(3B7D14) contains.

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Color

Hex(3B7D14)

Conversions

Conversions Part 1

Format	Color
Hex	3B7D14
RGB	59, 125, 20
RGB Percent	23%, 49%, 8%
CMY	0.7686, 0.5098, 0.9216
CMYK	0.53, 0.00, 0.84, 0.51
HSL	98°, 72%, 28%
HSV	98°, 84%, 49%
XYZ	9.2635, 15.6475, 3.1939
YIQ	93.2960, -5.6310, -46.6470

Conversions

Conversions Part 2

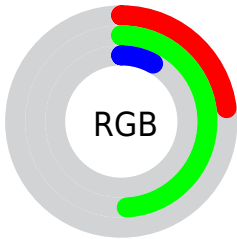
Format	Color
R_{YB}	20, 125, 86
Decimal	3898644
CIE _{Lab}	46.51, -39.33, 46.09
CIE _{LCh}	47, 60.595, 130.476
Yxy	15.6475, 0.3296, 0.5568
Android (android.graphics.Color)	4282088724 (0xFF3B7D14)
YUV	93.2960, -36.1349, -30.0776
Hunter-Lab	39.5570, -27.4233, 22.9028

Details

The Hex color **3B7D14** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **56147D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **71B24A**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **337D08**, and if you desaturate by 10%, it is **437D21**.

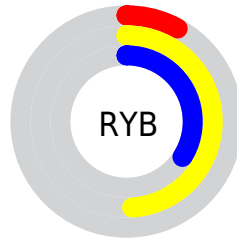
Distribution



Red (23%)

Green (49%)

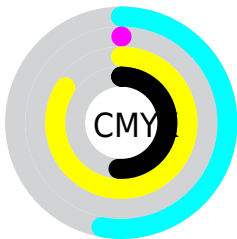
Blue (8%)



Red (8%)

Yellow (49%)

Blue (34%)

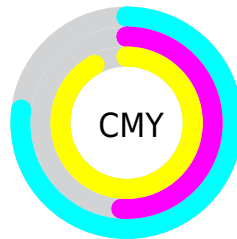


Cyan (53%)

Magenta (0%)

Yellow (84%)

Black (51%)



Cyan (77%)

Magenta (51%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7D14 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 3B7D14 by changing the saturation by 10% instead.

 3B7D14

 3B7D14

FFFFFF

 1D6400

 71B24A

 004B00

 8DCE63

 003400

 A9EA7E

 001F00

 C5FF99

 000000

 E2FFB4

 FFFFD0

 FFFFED

 3B7D14

 3B7D14

■ 337D08

■ 437D21

■ 2E7D00

■ 4B7D2D

■ 537D39

■ 5A7D46

■ 627D52

■ 6A7D5F

■ 727D6C

■ 7A7D78

■ 827D85

Harmonies

Analogous

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



757200



3B7D14



00834A

Triad

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



3B7D14



007DCE



C8355F

Complementary

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



3B7D14



56147D

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.



B73E91



3B7D14



006FD3

Square

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



3B7D14



0084AF



8658BC



BD472E

Rectangle

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



3B7D14



00856E



8658BC



C53570

Sweetspot

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



3B7D14



8AA37A



7D5514



425239



D1D1D1



525252

Same Dimension

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



3B7D14



3DA300



147D20



3C4039



2F8000



000000

Inverse Universe

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



56147D



6700A3



7D1471



3D3940



500080



000000

Previews

White Background



This preview shows how the Hex color 3B7D14 looks on a white background.

Color Contrast Check

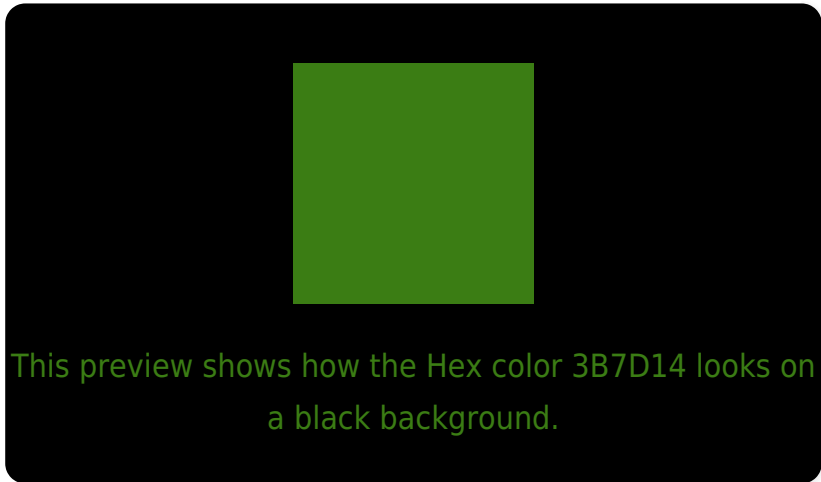
Large Text (above 18pt) WCAG AA ✓ Pass

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

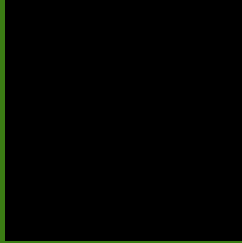
Any Text WCAG AA × Fail

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 3B7D14 Background



This preview shows how black text looks on a background with the Hex color 3B7D14.



This preview shows how white text looks on a background with the Hex color 3B7D14.

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
3B7D14

Protanopia
7C6E10

Deuteranopia
8A6820



Tritanopia
4C747E

Trichromacy



Original Color
3B7D14

Protanomaly
647311

Deuteranomaly
6D701C

Tritanomaly
467757

Monochromacy



Original Color
3B7D14

Achromatopsia
5D5D5D

Achromatomaly
516942

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7D14 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 #3B7D14 looks like.

```
.text, #text, p{  
    color:#3B7D14  
}
```

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 #3B7D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7D14
}
```

Border

The CSS property to change the border of an element to Hex 3B7D14 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
#3B7D14 }
```

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

```
.border{ border-color:#3B7D14 }
```

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

Here you see how a box with a 4 pixel #3B7D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7D14; -webkit-box-shadow:4px 4px  
4px 4px #3B7D14; box-shadow:4px 4px 4px  
4px #3B7D14 }
```

Background

The CSS property to change the background color of an element to Hex 3B7D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7D14 }
```

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

```
.background{ background-color:#3B7D14 }
```

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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