

Converting Colors

Hex(3B6A0A)

Have a look what the booklet for
Hex(3B6A0A) contains.

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Color

Hex(3B6A0A)

Conversions

Conversions Part 1

Format	Color
Hex	3B6A0A
RGB	59, 106, 10
RGB Percent	23%, 42%, 4%
CMY	0.7686, 0.5843, 0.9608
CMYK	0.44, 0.00, 0.91, 0.58
HSL	89°, 83%, 23%
HSV	89°, 91%, 42%
XYZ	7.0125, 11.2598, 2.0909
YIQ	81.0030, 2.8040, -39.8200

Conversions

Conversions Part 2

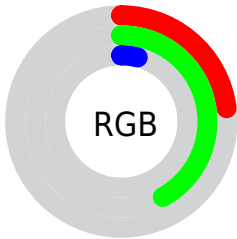
Format	Color
RYB	10, 106, 57
Decimal	3893770
CIELab	40.01, -31.73, 43.02
CIElCh	40, 53.458, 126.416
Yxy	11.2598, 0.3444, 0.5529
Android (android.graphics.Color)	4282083850 (0xFF3B6A0A)
YUV	81.0030, -35.0045, -19.2966
Hunter-Lab	33.5556, -21.4194, 19.7944

Details

The Hex color **3B6A0A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **390A6A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6F9E40**, and **013A00** is the 20% darker color. If you saturate the color by 10%, you get **366A00**, and if you desaturate by 10%, it is **406A15**.

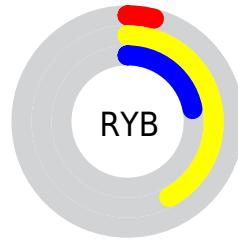
Distribution



Red (23%)

Green (42%)

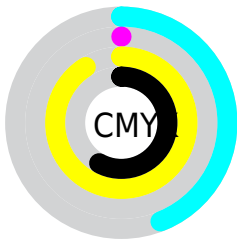
Blue (4%)



Red (4%)

Yellow (42%)

Blue (22%)

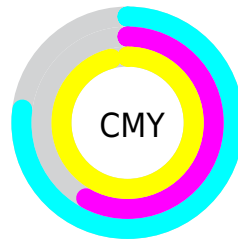


Cyan (44%)

Magenta (0%)

Yellow (91%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6A0A 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 3B6A0A by changing the saturation by 10% instead.



3B6A0A



3B6A0A

FFFFFFE



215100



6F9E40



013A00



8AB95A



002500



A5D573



000000



C1F18E



DEFFA9



FBFFC5



FFFFE1



3B6A0A



3B6A0A

■ 366A00

■ 406A15

■ 456A1F

■ 4B6A2A

■ 506A34

■ 556A3F

■ 5A6A4A

■ 5F6A54

■ 656A5F

■ 6A6A69

Harmonies

Analogous

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



6A5F00



3B6A0A



007039

Triad

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



3B6A0A



006CAE



AB2E57

Complementary

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



3B6A0A



390A6A

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.



993882



3B6A0A



0061B6

Square

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



3B6A0A



007191



6A4EA5



A53B2D

Rectangle

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



3B6A0A



007258



6A4EA5



A82F65

Sweetspot

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



3B6A0A



778A65



6A380A



3A452F



C4C4C4



454545

Same Dimension

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



3B6A0A



468A00



0C6A0A



333630



3C7500



7DF500

Inverse Universe

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



390A6A



43008A



680A6A



333036



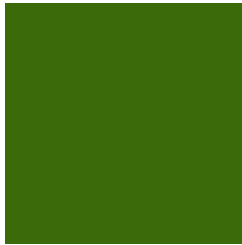
390075



7800F5

Previews

White Background



This preview shows how the Hex color 3B6A0A looks on a white background.

Color Contrast Check

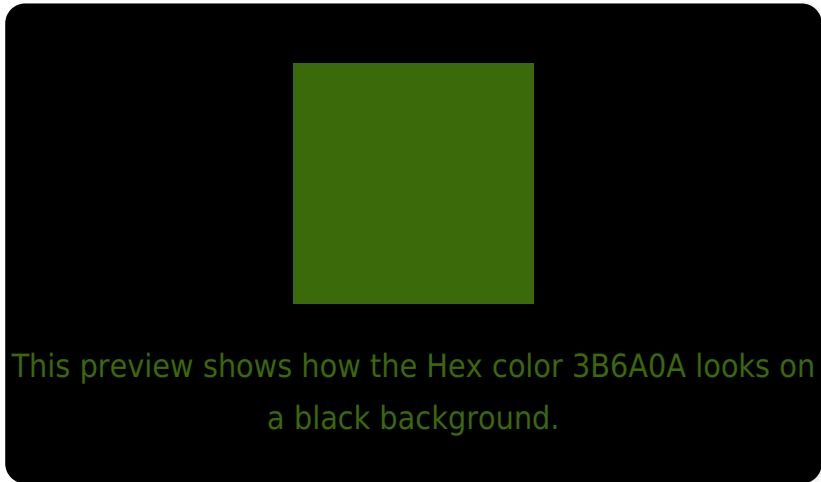
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B6A0A Background



This preview shows how black text looks on a background with the Hex color 3B6A0A.



This preview shows how white text looks on a background with the Hex color 3B6A0A.

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
3B6A0A

Protanopia
6A5E03

Deuteranopia
765917



Tritanopia
48636A

Trichromacy



Original Color
3B6A0A

Protanomaly
596206

Deuteranomaly
615F12

Tritanomaly
436647

Monochromacy



Original Color
3B6A0A

Achromatopsia
515151

Achromatomaly
495A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6A0A 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 #3B6A0A looks like.

```
.text, #text, p{  
    color:#3B6A0A  
}
```

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 #3B6A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6A0A
}
```

Border

The CSS property to change the border of an element to Hex 3B6A0A 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".

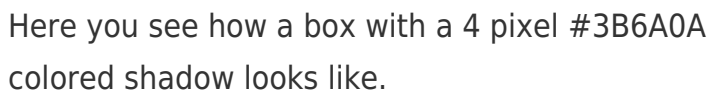
```
.border, #border, table{ border:4px solid
#3B6A0A }
```

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

```
.border{ border-color:#3B6A0A }
```

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

Here you see how a box with a 4 pixel #3B6A0A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6A0A; -webkit-box-shadow:4px 4px  
4px 4px #3B6A0A; box-shadow:4px 4px 4px  
4px #3B6A0A }
```

Background

The CSS property to change the background color of an element to Hex 3B6A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6A0A }
```

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

```
.background{ background-color:#3B6A0A }
```

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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