

Converting Colors

Hex(3B7106)

Have a look what the booklet for
Hex(3B7106) contains.

Hex(3B7106)	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(3B7106)

Conversions

Conversions Part 1

Format	Color
Hex	3B7106
RGB	59, 113, 6
RGB Percent	23%, 44%, 2%
CMY	0.7686, 0.5569, 0.9765
CMYK	0.48, 0.00, 0.95, 0.56
HSL	90°, 90%, 23%
HSV	90°, 95%, 44%
XYZ	7.7416, 12.7532, 2.2259
YIQ	84.6560, 2.1630, -44.7250

Conversions

Conversions Part 2

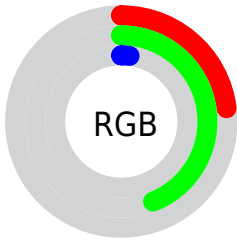
Format	Color
RYB	6, 113, 60
Decimal	3895558
CIELab	42.39, -34.94, 45.98
CIELCh	42, 57.752, 127.228
Yxy	12.7532, 0.3407, 0.5613
Android (android.graphics.Color)	4282085638 (0xFF3B7106)
YUV	84.6560, -38.7774, -22.5003
Hunter-Lab	35.7116, -23.7998, 21.3026

Details

The Hex color **3B7106** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3C0671**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **70A540**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **387100**, and if you desaturate by 10%, it is **417111**.

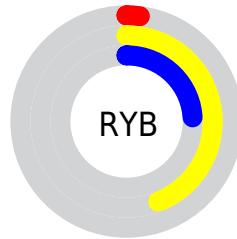
Distribution



Red (23%)

Green (44%)

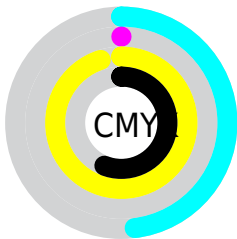
Blue (2%)



Red (2%)

Yellow (44%)

Blue (24%)

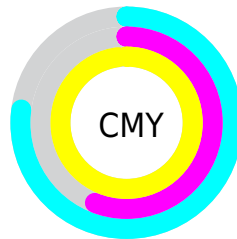


Cyan (48%)

Magenta (0%)

Yellow (95%)

Black (56%)



Cyan (77%)

Magenta (56%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7106 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 3B7106 by changing the saturation by 10% instead.

 3B7106

 3B7106

FFFFFF

 1F5800

 70A540

 004000

 8BC159

 002A00

 A7DD73

 000F00

 C3F98E

 000000

 E0FFA9

 FDFFC5

 FFFFE1

 3B7106

 3B7106

■ 387100

■ 417111

■ 46711D

■ 4C7128

■ 527133

■ 58713F

■ 5D714A

■ 637155

■ 697160

■ 6E716C

Harmonies

Analogous

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



6F6600



3B7106



00773D

Triad

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



3B7106



0073BC



B72D5B

Complementary

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



3B7106



3C0671

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.



A5398A



3B7106



0066C3

Square

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



3B7106



00789D



7352B1



B03D2D

Rectangle

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



3B7106



00795E



7352B1



B42E6B

Sweetspot

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



3B7106



7F946A



713C06



3D4A31



C9C9C9



4A4A4A

Same Dimension

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



3B7106



499400



067106



353832



3B7800



7BF700

Inverse Universe

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



3C0671



4B0094



710671



353238



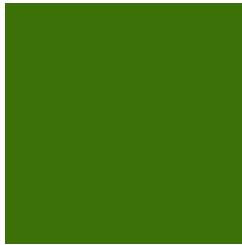
3C0078



7D00F7

Previews

White Background



This preview shows how the Hex color 3B7106 looks on a white background.

Color Contrast Check

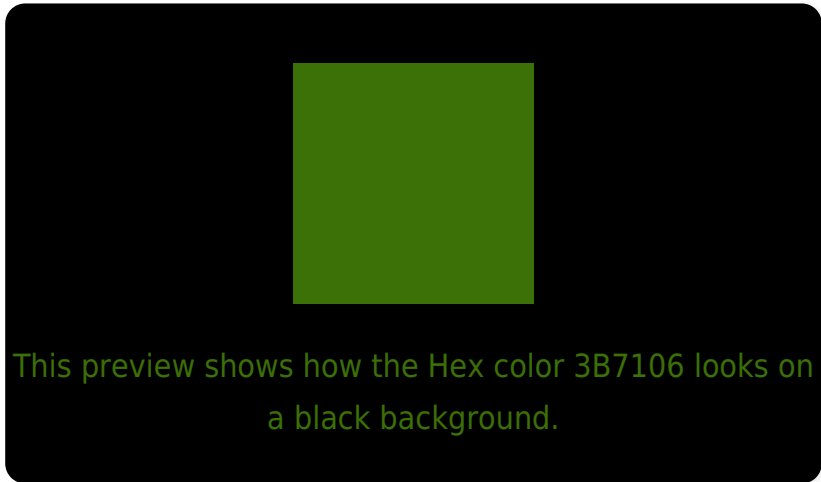
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B7106 Background



This preview shows how black text looks on a background with the Hex color 3B7106.



This preview shows how white text looks on a background with the Hex color 3B7106.

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
3B7106

Protanopia
716400

Deuteranopia
7D5F17



Tritanopia
496971

Trichromacy



Original Color
3B7106

Protanomaly
5D6902

Deuteranomaly
656611

Tritanomaly
446C4A

Monochromacy



Original Color
3B7106

Achromatopsia
555555

Achromatomaly
4C5F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7106 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 #3B7106 looks like.

```
.text, #text, p{  
    color:#3B7106  
}
```

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 #3B7106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7106
}
```

Border

The CSS property to change the border of an element to Hex 3B7106 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".

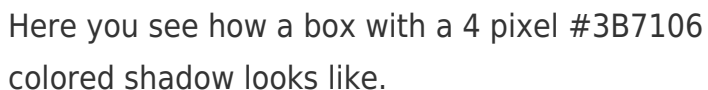
```
.border, #border, table{ border:4px solid
#3B7106 }
```

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

```
.border{ border-color:#3B7106 }
```

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

Here you see how a box with a 4 pixel #3B7106 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7106; -webkit-box-shadow:4px 4px  
4px 4px #3B7106; box-shadow:4px 4px 4px  
4px #3B7106 }
```

Background

The CSS property to change the background color of an element to Hex 3B7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7106 }
```

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

```
.background{ background-color:#3B7106 }
```

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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