

Converting Colors

Hex(3C7631)

Have a look what the booklet for
Hex(3C7631) contains.

Hex(3C7631)	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(3C7631)

Conversions

Conversions Part 1

Format	Color
Hex	3C7631
RGB	60, 118, 49
RGB Percent	24%, 46%, 19%
CMY	0.7647, 0.5373, 0.8078
CMYK	0.49, 0.00, 0.58, 0.54
HSL	110°, 41%, 33%
HSV	110°, 58%, 46%
XYZ	8.8963, 14.1393, 5.1660
YIQ	92.7920, -12.4190, -33.7550

Conversions

Conversions Part 2

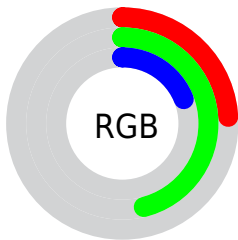
Format	Color
R_{YB}	49, 118, 107
Decimal	3962417
CIE _{Lab}	44.43, -33.46, 31.79
CIE _{LCh}	44, 46.157, 136.471
Yxy	14.1393, 0.3155, 0.5014
Android (android.graphics.Color)	4282152497 (0xFF3C7631)
YUV	92.7920, -21.5895, -28.7586
Hunter-Lab	37.6022, -23.5727, 18.1760

Details

The Hex color **3C7631** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B3176**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **70AB61**, and **004501** is the 20% darker color. If you saturate the color by 10%, you get **327625**, and if you desaturate by 10%, it is **46763D**.

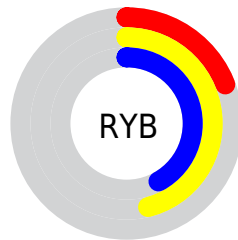
Distribution



Red (24%)

Green (46%)

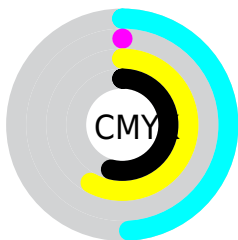
Blue (19%)



Red (19%)

Yellow (46%)

Blue (42%)

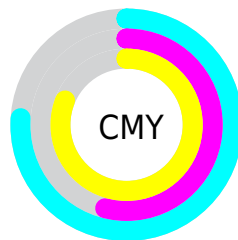


Cyan (49%)

Magenta (0%)

Yellow (58%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3C7631 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 3C7631 by changing the saturation by 10% instead.

 3C7631

 3C7631

FFFFFF

 215D19

 70AB61

 004501

 8BC67B

 002E00

 A6E295

 001800

 C2FFB0

 000000

 DEFFCC

 FBFEE8

 3C7631

 3C7631

 327625

 46763D

■ 287619

■ 507649

■ 1E760E

■ 5A7654

■ 147602

■ 647660

■ 137600

■ 6E766C

■ 787678

■ 817684

■ 8B768F

■ 95769B

Harmonies

Analogous

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



696E17



3C7631



007A56

Triad

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



3C7631



0072B4



AF4655

Complementary

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



3C7631



6B3176

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.



A6487C



3C7631



4866B3

Square

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



3C7631



0079A0



86569E



A55133

Rectangle

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



3C7631



007B71



86569E



AE4562

Sweetspot

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



3C7631



82997D



766A31



3E4D3C



CCCCCC



4D4D4D

Same Dimension

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



3C7631



3F992E



317648



363B35



147A00



28FA00

Inverse Universe

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



6B3176



882E99



76315F



3A353B



67007A



D200FA

Previews

White Background



This preview shows how the Hex color 3C7631 looks on a white background.

Color Contrast Check

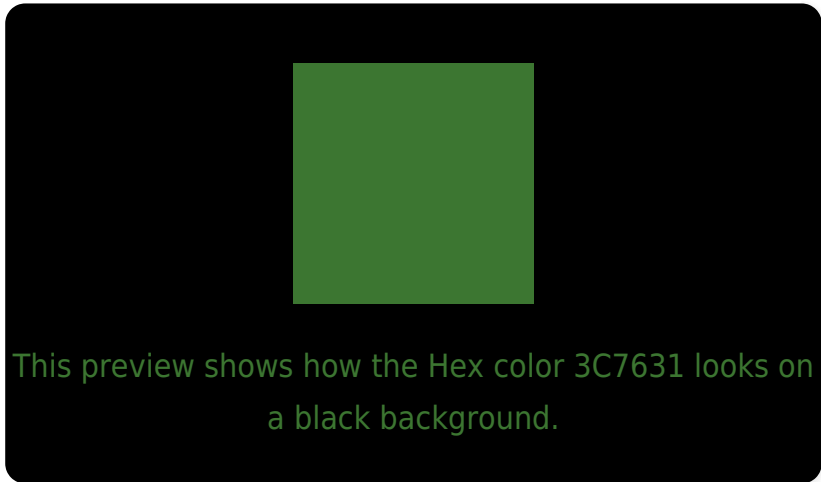
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C7631 Background



This preview shows how black text looks on a background with the Hex color 3C7631.



This preview shows how white text looks on a background with the Hex color 3C7631.

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
3C7631

Protanopia
74692D

Deuteranopia
806436



Tritanopia
4A6F78

Trichromacy



Original Color
3C7631

Protanomaly
606E2E

Deuteranomaly
676B34

Tritanomaly
45725E

Monochromacy



Original Color
3C7631

Achromatopsia
5D5D5D

Achromatomaly
51664D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7631 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 #3C7631 looks like.

```
.text, #text, p{  
    color:#3C7631  
}
```

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 #3C7631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7631
}
```

Border

The CSS property to change the border of an element to Hex 3C7631 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
#3C7631 }
```

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

```
.border{ border-color:#3C7631 }
```

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

Here you see how a box with a 4 pixel #3C7631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7631; -webkit-box-shadow:4px 4px  
4px 4px #3C7631; box-shadow:4px 4px 4px  
4px #3C7631 }
```

Background

The CSS property to change the background color of an element to Hex 3C7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7631 }
```

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

```
.background{ background-color:#3C7631 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor