

Converting Colors

Hex(3C7003)

Have a look what the booklet for
Hex(3C7003) contains.

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Color

Hex(3C7003)

Conversions

Conversions Part 1

Format	Color
Hex	3C7003
RGB	60, 112, 3
RGB Percent	24%, 44%, 1%
CMY	0.7647, 0.5608, 0.9882
CMYK	0.46, 0.00, 0.97, 0.56
HSL	89°, 95%, 23%
HSV	89°, 97%, 44%
XYZ	7.6741, 12.5556, 2.1052
YIQ	84.0260, 3.9970, -44.9230

Conversions

Conversions Part 2

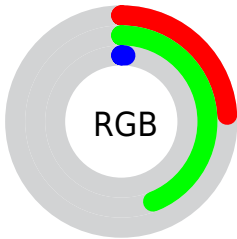
Format	Color
R_{YB}	3, 112, 55
Decimal	3960835
CIE _{Lab}	42.09, -34.26, 46.47
CIE _{LCh}	42, 57.736, 126.404
Yxy	12.5556, 0.3436, 0.5622
Android (android.graphics.Color)	4282150915 (0xFF3C7003)
YUV	84.0260, -39.9458, -21.0708
Hunter-Lab	35.4338, -23.3506, 21.2812

Details

The Hex color **3C7003** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **370370**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **71A43E**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **3B7000**, and if you desaturate by 10%, it is **41700E**.

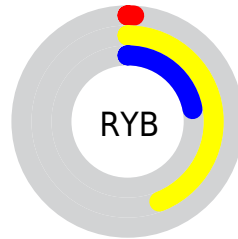
Distribution



Red (24%)

Green (44%)

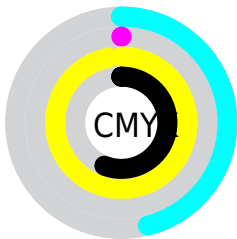
Blue (1%)



Red (1%)

Yellow (44%)

Blue (22%)

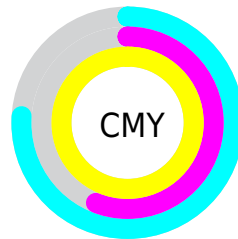


Cyan (46%)

Magenta (0%)

Yellow (97%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3C7003 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 3C7003 by changing the saturation by 10% instead.

 3C7003

 3C7003

FFFFFFD

 215700

 71A43E

 003F00

 8CC058

 002900

 A8DC72

 000E00

 C4F88C

 000000

 E1FFA7

 FEFFC3

 FFFFEO

 3C7003

 3C7003

■ 3B7000

■ 41700E

■ 477019

■ 4C7025

■ 517030

■ 57703B

■ 5C7046

■ 617051

■ 67705D

■ 6C7068

Harmonies

Analogous

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



6F6500



3C7003



00763B

Triad

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



3C7003



0072BB



B62C5B

Complementary

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



3C7003



370370

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.



A3398A



3C7003



0066C3

Square

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



3C7003



00789B



7052B1



B03B2D

Rectangle

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



3C7003



00785C



7052B1



B32D6B

Sweetspot

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



3C7003



7D9167



703603



3E4A30



C9C9C9



4A4A4A

Same Dimension

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



3C7003



4C9100



077003



353832



3F7800



81F700

Inverse Universe

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



370370



450091



6C0370



353238



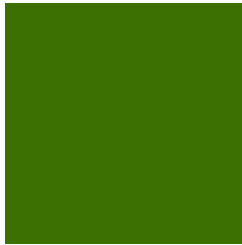
390078



7600F7

Previews

White Background



This preview shows how the Hex color 3C7003 looks on a white background.

Color Contrast Check

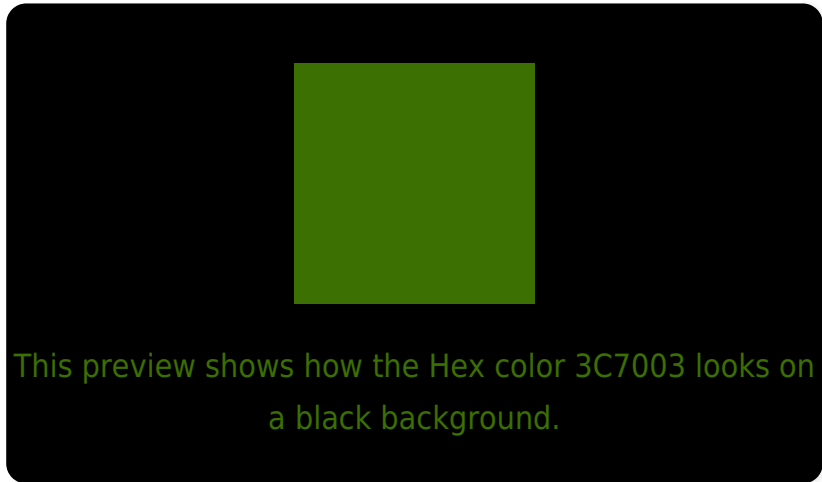
Large Text (above 18pt) WCAG AA ✓ Pass

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

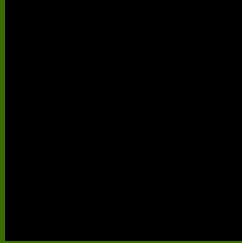
Any Text WCAG AA × Fail

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 3C7003 Background



This preview shows how black text looks on a background with the Hex color 3C7003.

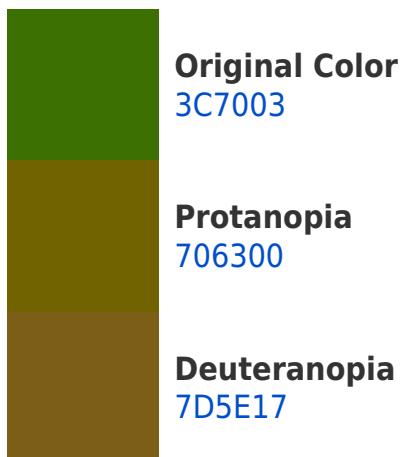



This preview shows how white text looks on a background with the Hex color 3C7003.

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





Tritanopia
4A6870

Trichromacy



Original Color
3C7003

Protanomaly
5D6801

Deuteranomaly
656510

Tritanomaly
456B48

Monochromacy



Original Color
3C7003

Achromatopsia
545454

Achromatomaly
4B5E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7003 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 #3C7003 looks like.

```
.text, #text, p{  
    color:#3C7003  
}
```

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 #3C7003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7003
}
```

Border

The CSS property to change the border of an element to Hex 3C7003 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
#3C7003 }
```

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

```
.border{ border-color:#3C7003 }
```

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

Here you see how a box with a 4 pixel #3C7003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7003; -webkit-box-shadow:4px 4px  
4px 4px #3C7003; box-shadow:4px 4px 4px  
4px #3C7003 }
```

Background

The CSS property to change the background color of an element to Hex 3C7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7003 }
```

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

```
.background{ background-color:#3C7003 }
```

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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