

Converting Colors

Hex(70B031)

Have a look what the booklet for
Hex(70B031) contains.

Hex(70B031)	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(70B031)

Conversions

Conversions Part 1

Format	Color
Hex	70B031
RGB	112, 176, 49
RGB Percent	44%, 69%, 19%
CMY	0.5608, 0.3098, 0.8078
CMYK	0.36, 0.00, 0.72, 0.31
HSL	90°, 56%, 44%
HSV	90°, 72%, 69%
XYZ	22.7618, 34.7172, 8.4071
YIQ	142.3860, 2.6230, -53.0650

Conversions

Conversions Part 2

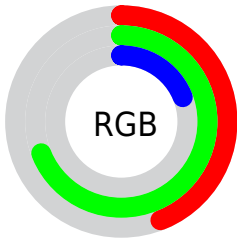
Format	Color
RYB	49, 176, 113
Decimal	7385137
CIELab	65.53, -40.91, 55.40
CIElCh	66, 68.871, 126.447
Yxy	34.7172, 0.3455, 0.5269
Android (android.graphics.Color)	4285575217 (0xFF70B031)
YUV	142.3860, -46.0393, -26.6485
Hunter-Lab	58.9213, -34.1561, 32.7851

Details

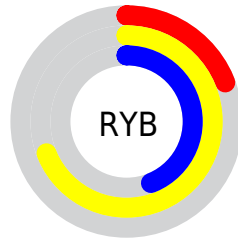
The Hex color **70B031** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7131B0**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A8E867**, and **387B00** is the 20% darker color. If you saturate the color by 10%, you get **67B01F**, and if you desaturate by 10%, it is **79B043**.

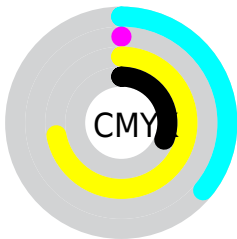
Distribution



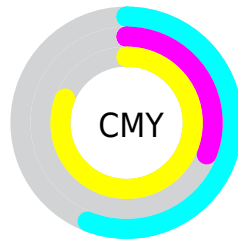
- Red (44%)
- Green (69%)
- Blue (19%)



- Red (19%)
- Yellow (69%)
- Blue (44%)



- Cyan (36%)
- Magenta (0%)
- Yellow (72%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B031 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 70B031 by changing the saturation by 10% instead.

 70B031

 70B031

FFFFFF

 549510

 A8E867

 387B00

 C5FF82

 196100

 E2FF9E

 004900

 FFFFBA

 003200

 FFFFD6

 001C00

 FFFFF3

 000000

 70B031

 70B031

 67B01F

 79B043

■ 5EB00E

■ 82B054

■ 57B000

■ 8BB066

■ 93B077

■ 9CB089

■ A5B09B

■ AEBOAC

■ B7B0BE

■ C0B0CF

Harmonies

Analogous

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



B1A101



70B031



00B96B

Triad

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



70B031



00B3FF



FF6194

Complementary

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



70B031



7131B0

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.



F36DD2



70B031



00A2FF

Square

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



70B031



00BAE7



B289FF



FF7059

Rectangle

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



70B031



00BB96



B289FF



FF62A9

Sweetspot

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



70B031



CCE6B3



B07131



647355



F2F2F2



737373

Same Dimension

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



70B031



81E61E



31B031



555950



4C9900



0D1A00

Inverse Universe

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



7131B0



821EE6



B031B0



555059



4D0099



0D001A

Previews

White Background



This preview shows how the Hex color 70B031 looks on a white background.

Color Contrast Check

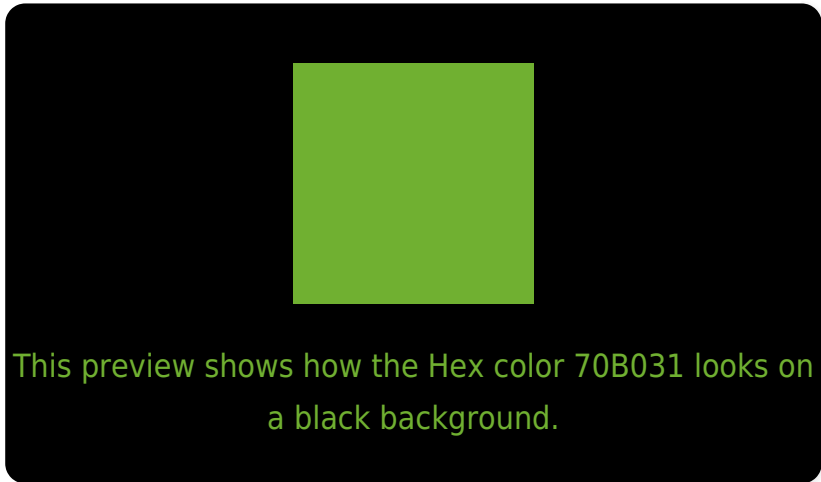
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 70B031 Background



This preview shows how black text looks on a background with the Hex color 70B031.



This preview shows how white text looks on a background with the Hex color 70B031.

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](#).

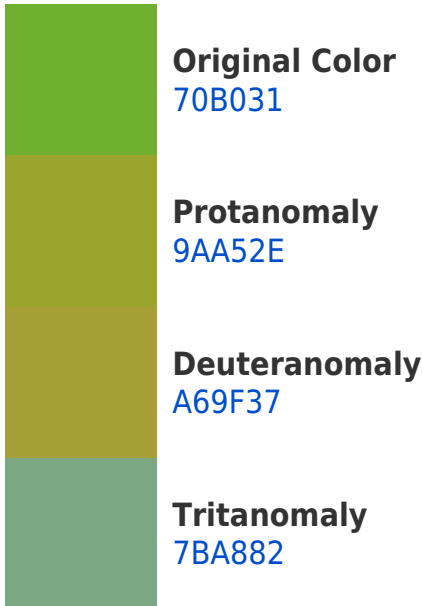
Dichromacy



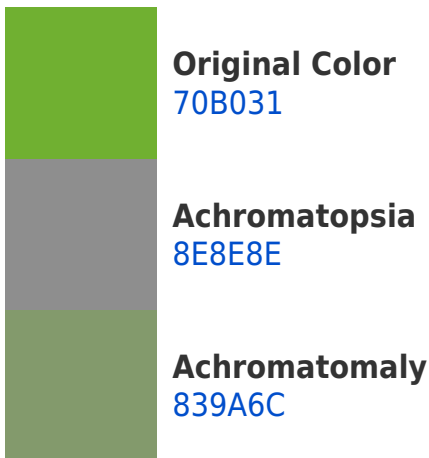


Tritanopia
82A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B031 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 #70B031 looks like.

```
.text, #text, p{  
    color:#70B031  
}
```

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 #70B031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B031
}
```

Border

The CSS property to change the border of an element to Hex 70B031 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
#70B031 }
```

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

```
.border{ border-color:#70B031 }
```

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

Here you see how a box with a 4 pixel #70B031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B031; -webkit-box-shadow:4px 4px  
4px 4px #70B031; box-shadow:4px 4px 4px  
4px #70B031 }
```

Background

The CSS property to change the background color of an element to Hex 70B031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B031 }
```

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

```
.background{ background-color:#70B031 }
```

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