

Converting Colors

Hex(70B24D)

Have a look what the booklet for
Hex(70B24D) contains.

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Color

Hex(70B24D)

Conversions

Conversions Part 1

Format	Color
Hex	70B24D
RGB	112, 178, 77
RGB Percent	44%, 70%, 30%
CMY	0.5608, 0.3020, 0.6980
CMYK	0.37, 0.00, 0.57, 0.30
HSL	99°, 40%, 50%
HSV	99°, 57%, 70%
XYZ	23.9420, 35.8214, 12.6735
YIQ	146.7520, -6.9150, -45.4030

Conversions

Conversions Part 2

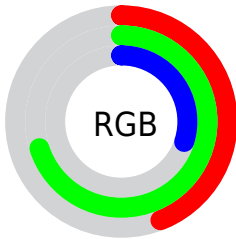
Format	Color
RYB	77, 178, 143
Decimal	7385677
CIELab	66.38, -39.33, 44.39
CIELCh	66, 59.303, 131.538
Yxy	35.8214, 0.3305, 0.4945
Android (android.graphics.Color)	4285575757 (0xFF70B24D)
YUV	146.7520, -34.3877, -30.4775
Hunter-Lab	59.8509, -33.3342, 29.3409

Details

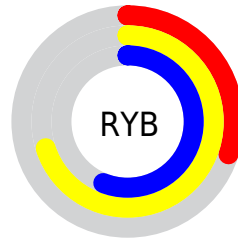
The Hex color **70B24D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8F4DB2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A7EA81**, and **3A7D19** is the 20% darker color. If you saturate the color by 10%, you get **64B23B**, and if you desaturate by 10%, it is **7CB25F**.

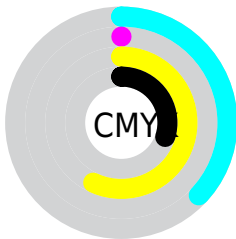
Distribution



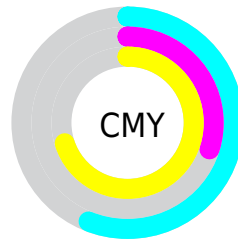
- Red (44%)
- Green (70%)
- Blue (30%)



- Red (30%)
- Yellow (70%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (57%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B24D 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 70B24D by changing the saturation by 10% instead.

 70B24D

 70B24D

FFFFFF

 559734

 A7EA81

 3A7D19

 C3FF9C

 1C6300

 E0FFB7

 004B00

 FEFFD3

 003300

 FFFFF0

 001E00

 000000

 70B24D

 70B24D

 64B23B

 7CB25F

 59B229

 87B271

 4DB218

 93B282

 41B206

 9FB294

 3EB200

 AAB2A6

 B6B2B8

 C1B2CA

 CDB2DB

 D9B2ED

Harmonies

Analogous

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



ABA530



70B24D



00B97E

Triad

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



70B24D



00B0FF



FF718F

Complementary

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



70B24D



8F4DB2

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.



F176C4



70B24D



62A0FF

Square

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



70B24D



00B9E7



BF8BF2



F97E5D

Rectangle

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



70B24D



00BBA3



BF8BF2



FF70A1

Sweetspot

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



70B24D



CEE8C1



B28F4D



66755E



F5F5F5



757575

Same Dimension

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



70B24D



81E84A



4DB25C



535950



359900



091A00

Inverse Universe

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



8F4DB2



B14AE8



B24DA3



565059



640099



11001A

Previews

White Background



This preview shows how the Hex color 70B24D looks on a white background.

Color Contrast Check

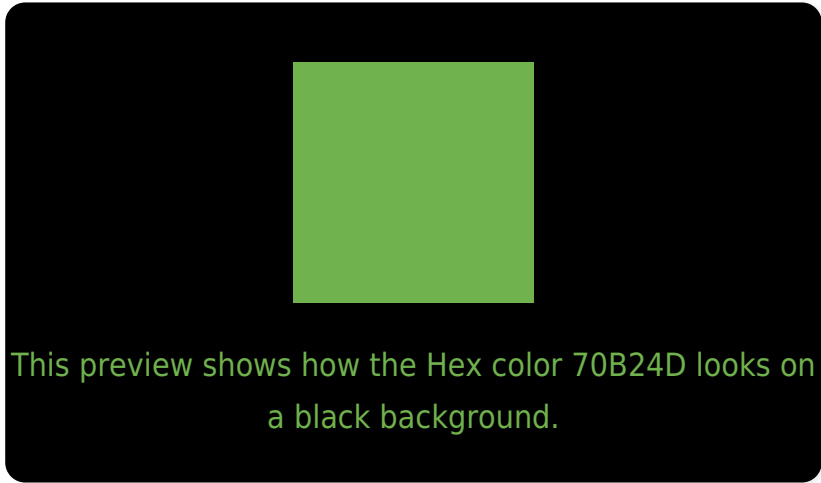
Large Text (above 18pt) WCAG AA × Fail

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 70B24D Background



This preview shows how black text looks on a background with the Hex color 70B24D.

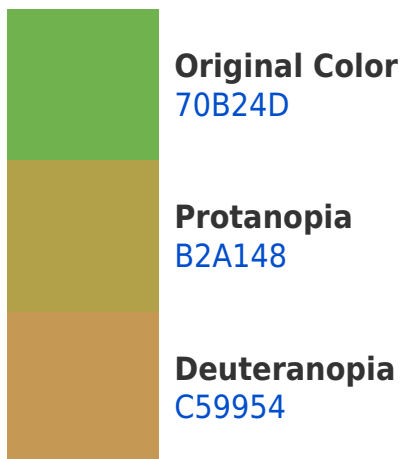


This preview shows how white text looks on a background with the Hex color 70B24D.

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](#).

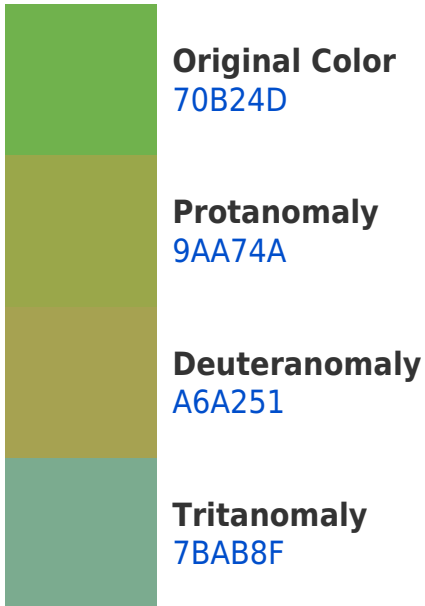
Dichromacy



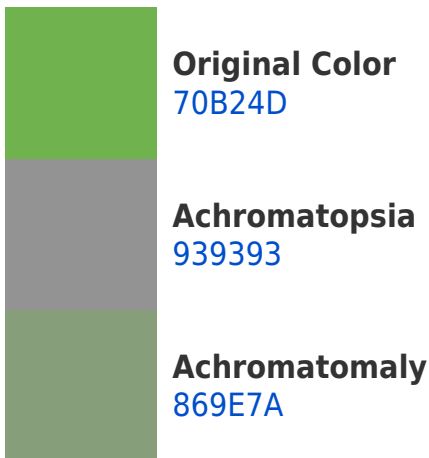


Tritanopia
81A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B24D 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 #70B24D looks like.

```
.text, #text, p{  
    color:#70B24D  
}
```

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 #70B24D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B24D
}
```

Border

The CSS property to change the border of an element to Hex 70B24D 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
#70B24D }
```

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

```
.border{ border-color:#70B24D }
```

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

Here you see how a box with a 4 pixel #70B24D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B24D; -webkit-box-shadow:4px 4px  
4px 4px #70B24D; box-shadow:4px 4px 4px  
4px #70B24D }
```

Background

The CSS property to change the background color of an element to Hex 70B24D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B24D }
```

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

```
.background{ background-color:#70B24D }
```

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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