

Converting Colors

Hex(68B24D)

Have a look what the booklet for
Hex(68B24D) contains.

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Color

Hex(68B24D)

Conversions

Conversions Part 1

Format	Color
Hex	68B24D
RGB	104, 178, 77
RGB Percent	41%, 70%, 30%
CMY	0.5922, 0.3020, 0.6980
CMYK	0.42, 0.00, 0.57, 0.30
HSL	104°, 40%, 50%
HSV	104°, 57%, 70%
XYZ	22.9689, 35.3197, 12.6280
YIQ	144.3600, -11.6830, -47.0990

Conversions

Conversions Part 2

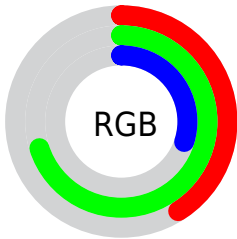
Format	Color
RYB	77, 178, 151
Decimal	6861389
CIELab	66.00, -42.00, 43.84
CIElCh	66, 60.710, 133.770
Yxy	35.3197, 0.3239, 0.4980
Android (android.graphics.Color)	4285051469 (0xFF68B24D)
YUV	144.3600, -33.2085, -35.3957
Hunter-Lab	59.4304, -35.0158, 29.0031

Details

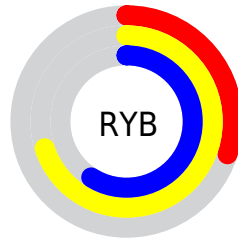
The Hex color **68B24D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **974DB2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9FEA81**, and **307D19** is the 20% darker color. If you saturate the color by 10%, you get **5BB23B**, and if you desaturate by 10%, it is **75B25F**.

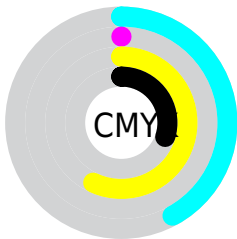
Distribution



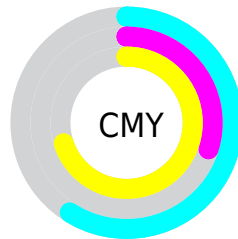
- Red (41%)
- Green (70%)
- Blue (30%)



- Red (30%)
- Yellow (70%)
- Blue (59%)



- Cyan (42%)
- Magenta (0%)
- Yellow (57%)
- Black (30%)



- Cyan (59%)
- Magenta (30%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B24D 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 68B24D by changing the saturation by 10% instead.

 68B24D

 68B24D

FFFFFF

 4D9734

 9FEA81

 307D19

 BCFF9C

 0D6300

 D8FFB7

 004A00

 F6FFD3

 003300

 FFFFF0

 001D00

 000000

 68B24D

 68B24D

 5BB23B

 75B25F

 4EB229

 82B271

 41B218

 8FB282

 34B206

 9CB294

 30B200

 A9B2A6

 B6B2B8

 C3B2CA

 D0B2DB

 DDB2ED

Harmonies

Analogous

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



A6A52C



68B24D



00B980

Triad

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



68B24D



00AFFF



FF6E89

Complementary

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



68B24D



974DB2

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.



F473C0



68B24D



689EFF

Square

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



68B24D



00B8EB



C487F0



F87D57

Rectangle

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



68B24D



00BBA6



C487F0



FF6D9C

Sweetspot

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



68B24D



CBE8C1



B2954D



64755E



F5F5F5



757575

Same Dimension

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



68B24D



74E84A



4DB263



535950



299900



071A00

Inverse Universe

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



974DB2



BE4AE8



B24D9C



575059



700099



13001A

Previews

White Background



This preview shows how the Hex color 68B24D looks on a white background.

Color Contrast Check

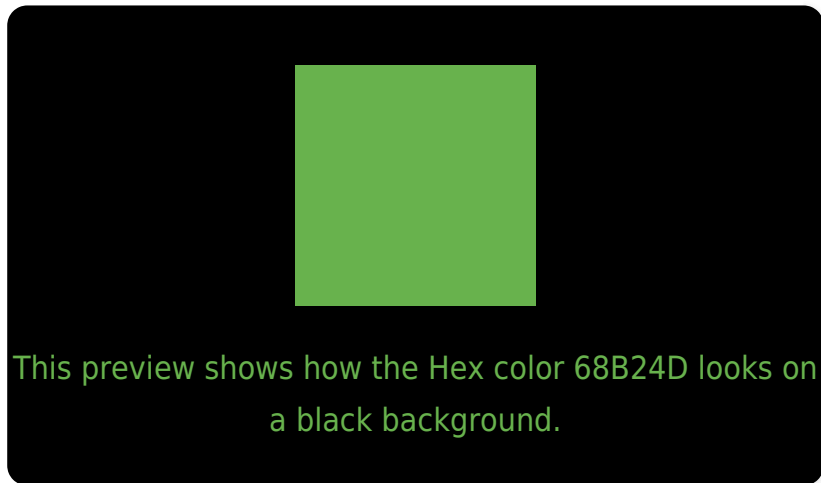
Large Text (above 18pt) WCAG AA × Fail

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

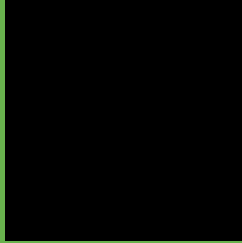
Any Text WCAG AA ✓ Pass

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 68B24D Background



This preview shows how black text looks on a background with the Hex color 68B24D.

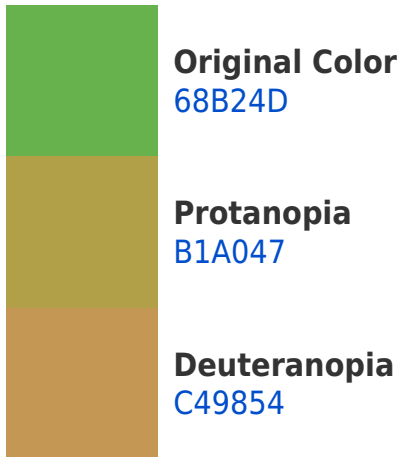


This preview shows how white text looks on a background with the Hex color 68B24D.

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](#).

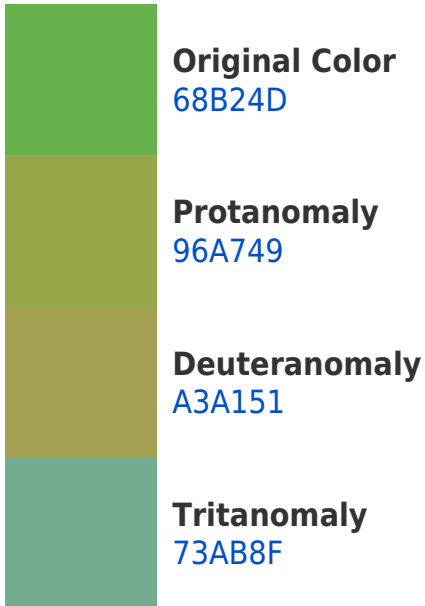
Dichromacy



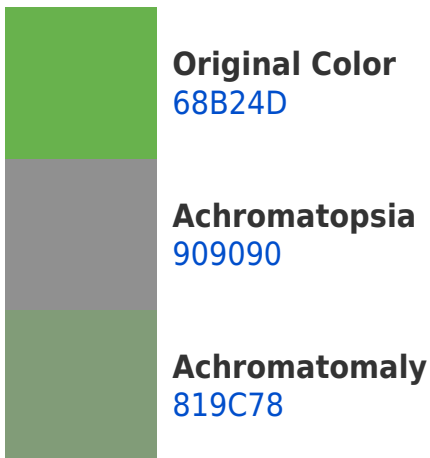


Tritanopia
7AA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B24D 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 #68B24D looks like.

```
.text, #text, p{  
    color:#68B24D  
}
```

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 #68B24D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B24D
}
```

Border

The CSS property to change the border of an element to Hex 68B24D 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
#68B24D }
```

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

```
.border{ border-color:#68B24D }
```

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

Here you see how a box with a 4 pixel #68B24D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B24D; -webkit-box-shadow:4px 4px  
4px 4px #68B24D; box-shadow:4px 4px 4px  
4px #68B24D }
```

Background

The CSS property to change the background color of an element to Hex 68B24D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B24D }
```

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

```
.background{ background-color:#68B24D }
```

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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