

Converting Colors

Hex(50B84A)

Have a look what the booklet for
Hex(50B84A) contains.

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Color

Hex(50B84A)

Conversions

Conversions Part 1

Format	Color
Hex	50B84A
RGB	80, 184, 74
RGB Percent	31%, 72%, 29%
CMY	0.6863, 0.2784, 0.7098
CMYK	0.57, 0.00, 0.60, 0.28
HSL	117°, 44%, 51%
HSV	117°, 60%, 72%
XYZ	21.6848, 36.4809, 12.3772
YIQ	140.3640, -26.6740, -56.2580

Conversions

Conversions Part 2

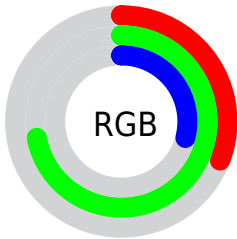
Format	Color
RYB	74, 184, 178
Decimal	5290058
CIELab	66.89, -51.74, 46.02
CIELCh	67, 69.250, 138.349
Yxy	36.4809, 0.3074, 0.5171
Android (android.graphics.Color)	4283480138 (0xFF50B84A)
YUV	140.3640, -32.7175, -52.9392
Hunter-Lab	60.3994, -41.6133, 30.1297

Details

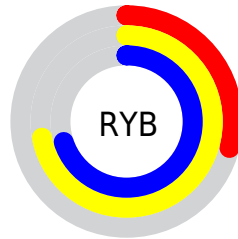
The Hex color **50B84A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B24AB8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8AF17E**, and **008214** is the 20% darker color. If you saturate the color by 10%, you get **3FB838**, and if you desaturate by 10%, it is **61B85C**.

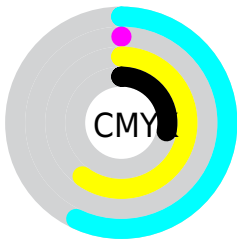
Distribution



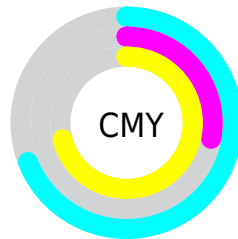
- Red (31%)
- Green (72%)
- Blue (29%)



- Red (29%)
- Yellow (72%)
- Blue (70%)



- Cyan (57%)
- Magenta (0%)
- Yellow (60%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B84A 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 50B84A by changing the saturation by 10% instead.

 50B84A

 50B84A

FFFFFF

 309D30

 8AF17E

 008214

 A7FF99

 006800

 C4FFB5

 004F00

 E2FFD1

 003700

 FFFFEE

 002000

 000000

 50B84A

 50B84A

 3FB838

 61B85C

 2DB825

 73B86F

 1CB813

 84B881

 0AB800

 96B894

 A7B8A6

 B8B8B8

 CAB8CB

 DBB8DD

 EDB8F0

Harmonies

Analogous

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



9DAB15



50B84A



00BE87

Triad

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



50B84A



00B1FF



FF677F

Complementary

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



50B84A



B24AB8

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.



FF69BE



50B84A



719CFF

Square

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



50B84A



00BCFF



D581F6



FF7D47

Rectangle

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



50B84A



00C0B3



D581F6



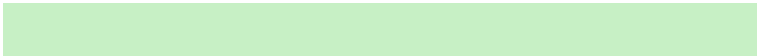
FF6594

Sweetspot

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



50B84A



C7F0C5



B8B14A



5F785D



F7F7F7



787878

Same Dimension

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



50B84A



4DF043



4AB87A



535C53



089C00



021C00

Inverse Universe

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



B24AB8



E643F0



B84A88



5B535C



93009C



1B001C

Previews

White Background



This preview shows how the Hex color 50B84A looks on a white background.

Color Contrast Check

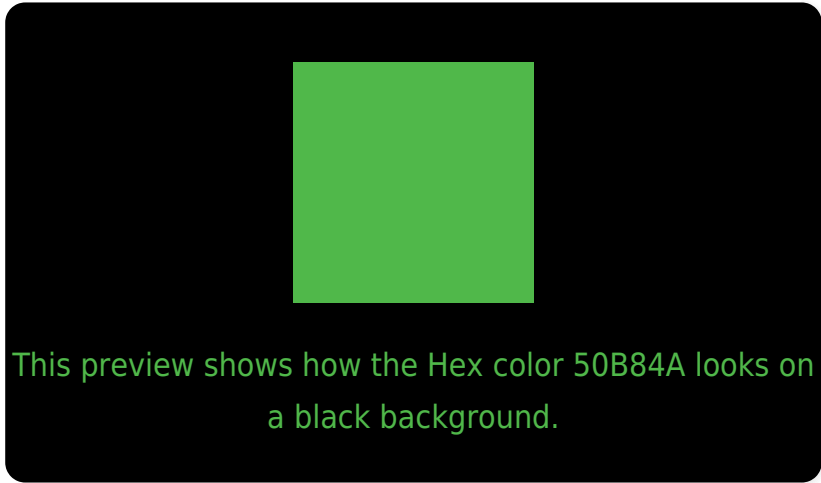
Large Text (above 18pt) WCAG AA × Fail

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 50B84A Background



This preview shows how black text looks on a background with the Hex color 50B84A.



This preview shows how white text looks on a background with the Hex color 50B84A.

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

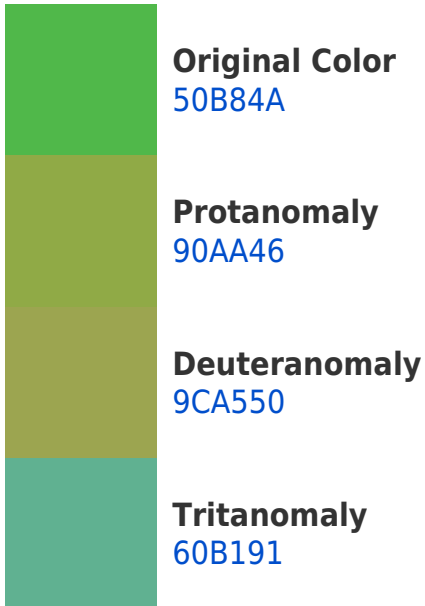


Original Color
50B84A

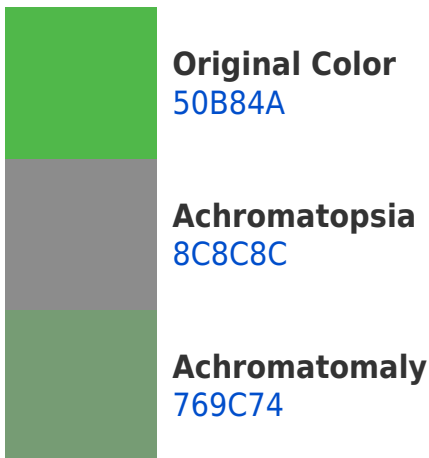
Protanopia
B4A243

Deuteranopia
C79A53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50B84A 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 #50B84A looks like.

```
.text, #text, p{  
    color:#50B84A  
}
```

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 #50B84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B84A
}
```

Border

The CSS property to change the border of an element to Hex 50B84A 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
#50B84A }
```

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

```
.border{ border-color:#50B84A }
```

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

Here you see how a box with a 4 pixel #50B84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B84A; -webkit-box-shadow:4px 4px  
4px 4px #50B84A; box-shadow:4px 4px 4px  
4px #50B84A }
```

Background

The CSS property to change the background color of an element to Hex 50B84A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B84A }
```

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

```
.background{ background-color:#50B84A }
```

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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