

Converting Colors

Hex(64B54A)

Have a look what the booklet for
Hex(64B54A) contains.

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Color

Hex(64B54A)

Conversions

Conversions Part 1

Format	Color
Hex	64B54A
RGB	100, 181, 74
RGB Percent	39%, 71%, 29%
CMY	0.6078, 0.2902, 0.7098
CMYK	0.45, 0.00, 0.59, 0.29
HSL	105°, 42%, 50%
HSV	105°, 59%, 71%
XYZ	23.0154, 36.2515, 12.2628
YIQ	144.5830, -13.9290, -50.4490

Conversions

Conversions Part 2

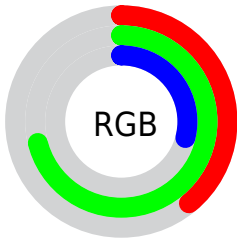
Format	Color
RYB	74, 181, 155
Decimal	6600010
CIELab	66.71, -44.87, 46.02
CIElCh	67, 64.274, 134.273
Yxy	36.2515, 0.3218, 0.5068
Android (android.graphics.Color)	4284790090 (0xFF64B54A)
YUV	144.5830, -34.7974, -39.0993
Hunter-Lab	60.2092, -37.1331, 30.0709

Details

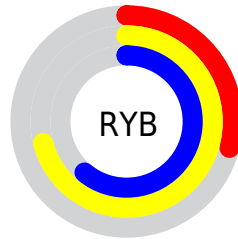
The Hex color **64B54A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9B4AB5**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9CEE7E**, and **2A7F14** is the 20% darker color. If you saturate the color by 10%, you get **56B538**, and if you desaturate by 10%, it is **72B55C**.

Distribution



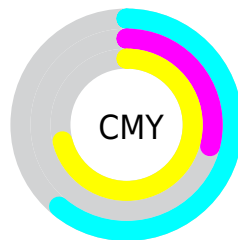
- Red (39%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (61%)



- Cyan (45%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B54A 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 64B54A by changing the saturation by 10% instead.

 64B54A

 64B54A

FFFFFF

 489A30

 9CEE7E

 2A7F14

 B8FF99

 006600

 D5FFB5

 004D00

 F3FFD1

 003500

 FFFFED

 001F00

 000000

 64B54A

 64B54A

 56B538

 72B55C

 49B526

 7FB56E

 3BB514

 8DB580

 2DB502

 9BB592

 2CB500

 A9B5A5

 B6B5B7

 C4B5C9

 D2B5DB

 DFB5ED

Harmonies

Analogous

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



A6A824



64B54A



00BC81

Triad

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



64B54A



00B1FF



FF6C89

Complementary

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



64B54A



9B4AB5

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.



FC71C3



64B54A



659FFF

Square

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



64B54A



00BBF2



C887F6



FD7D54

Rectangle

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



64B54A



00BEA9



C887F6



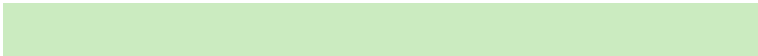
FF6B9C

Sweetspot

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



64B54A



CBEB00



B59A4A



62755B



F5F5F5



757575

Same Dimension

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



64B54A



6DEB44



4AB565



525950



259900



061A00

Inverse Universe

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



9B4AB5



C244EB



B54A9A



575059



740099



13001A

Previews

White Background



This preview shows how the Hex color 64B54A looks on a white background.

Color Contrast Check

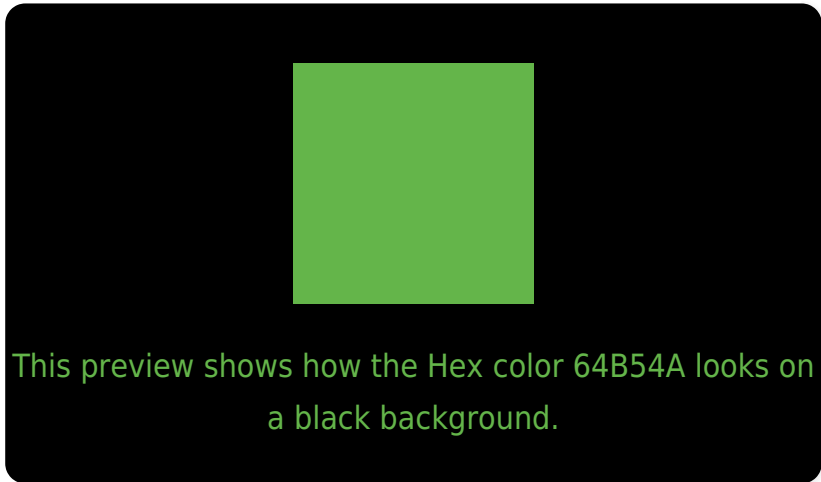
Large Text (above 18pt) WCAG AA × Fail

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 64B54A Background



This preview shows how black text looks on a background with the Hex color 64B54A.



This preview shows how white text looks on a background with the Hex color 64B54A.

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](#).

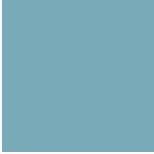
Dichromacy



Original Color
64B54A

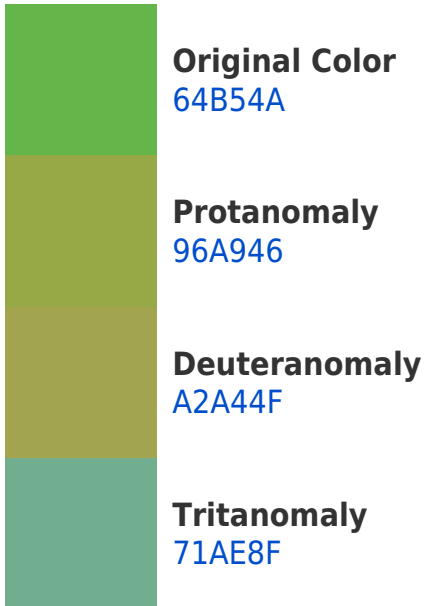
Protanopia
B3A244

Deuteranopia
C69A52

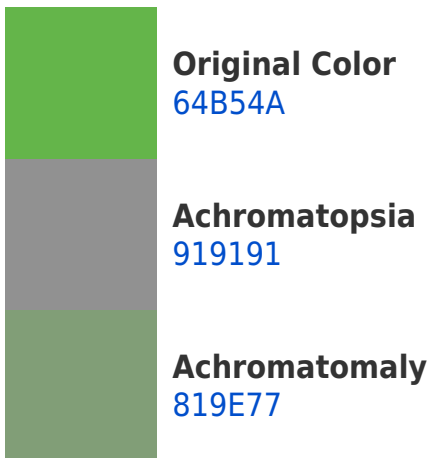


Tritanopia
78AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B54A 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 #64B54A looks like.

```
.text, #text, p{  
    color:#64B54A  
}
```

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 #64B54A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B54A
}
```

Border

The CSS property to change the border of an element to Hex 64B54A 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".

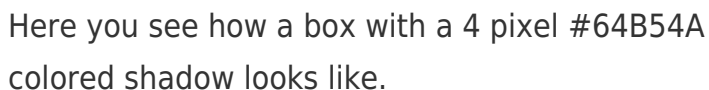
```
.border, #border, table{ border:4px solid
#64B54A }
```

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

```
.border{ border-color:#64B54A }
```

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

Here you see how a box with a 4 pixel #64B54A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B54A; -webkit-box-shadow:4px 4px  
4px 4px #64B54A; box-shadow:4px 4px 4px  
4px #64B54A }
```

Background

The CSS property to change the background color of an element to Hex 64B54A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B54A }
```

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

```
.background{ background-color:#64B54A }
```

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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