

Converting Colors

Hex(64AB4A)

Have a look what the booklet for
Hex(64AB4A) contains.

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Color

Hex(64AB4A)

Conversions

Conversions Part 1

Format	Color
Hex	64AB4A
RGB	100, 171, 74
RGB Percent	39%, 67%, 29%
CMY	0.6078, 0.3294, 0.7098
CMYK	0.42, 0.00, 0.57, 0.33
HSL	104°, 40%, 48%
HSV	104°, 57%, 67%
XYZ	21.0545, 32.3296, 11.6091
YIQ	138.7130, -11.1790, -45.2190

Conversions

Conversions Part 2

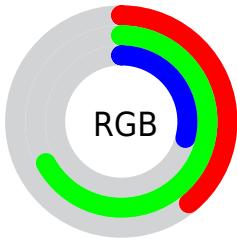
Format	Color
RYB	74, 171, 145
Decimal	6597450
CIELab	63.61, -40.63, 42.43
CIELCh	64, 58.748, 133.761
Yxy	32.3296, 0.3239, 0.4974
Android (android.graphics.Color)	4284787530 (0xFF64AB4A)
YUV	138.7130, -31.9035, -33.9513
Hunter-Lab	56.8591, -33.4063, 27.6959

Details

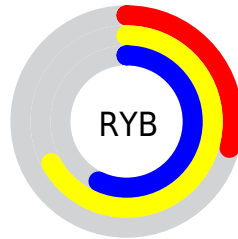
The Hex color **64AB4A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **914AAB**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9BE37D**, and **2D7616** is the 20% darker color. If you saturate the color by 10%, you get **57AB39**, and if you desaturate by 10%, it is **71AB5B**.

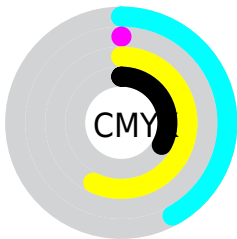
Distribution



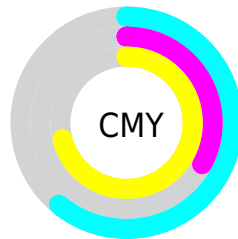
- Red (39%)
- Green (67%)
- Blue (29%)



- Red (29%)
- Yellow (67%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (57%)
- Black (33%)



- Cyan (61%)
- Magenta (33%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64AB4A 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 64AB4A by changing the saturation by 10% instead.

 64AB4A

 64AB4A

FFFFFF

 499031

 9BE37D

 2D7616

 B7FF98

 085D00

 D4FFB4

 004400

 F1FFD0

 002E00

 FFFFEC

 001500

 000000

 64AB4A

 64AB4A

 57AB39

 71AB5B

 4BAB28

 7DAB6C

 3EAB17

 8AAB7D

 32AB06

 96AB8E

 2EAB00

 A3AB9F

 AFABB1

 BCABC2

 C8ABD3

 D5ABE4

Harmonies

Analogous

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



9F9F2A



64AB4A



00B27B

Triad

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



64AB4A



00A8FE



FA6A84

Complementary

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



64AB4A



914AAB

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.



EB6EB9



64AB4A



6498FF

Square

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



64AB4A



00B1E1



BC82E6



EE7854

Rectangle

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



64AB4A



00B39F



BC82E6



F86996

Sweetspot

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



64AB4A



C2DEB8



AB904A



60705A



F0F0F0



707070

Same Dimension

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



64AB4A



6FDE47



4AAB5F



50574E



289600



061700

Inverse Universe

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



914AAB



B547DE



AB4A96



544E57



6E0096



110017

Previews

White Background



This preview shows how the Hex color 64AB4A looks on a white background.

Color Contrast Check

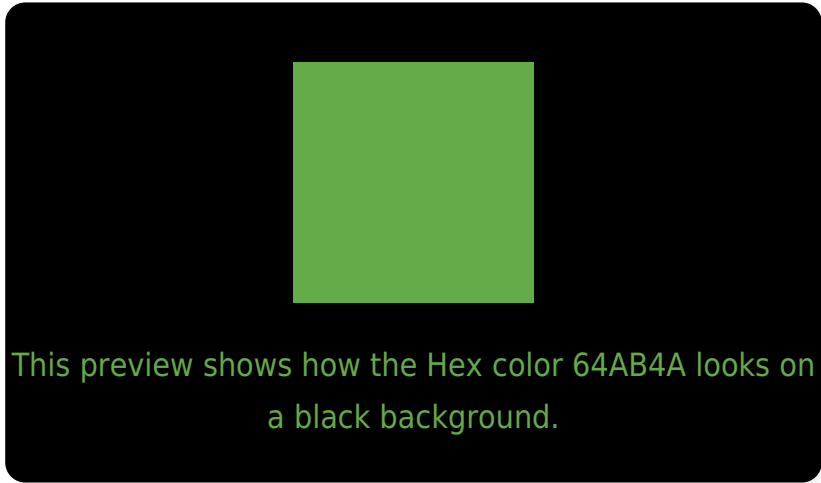
Large Text (above 18pt) WCAG AA × Fail

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

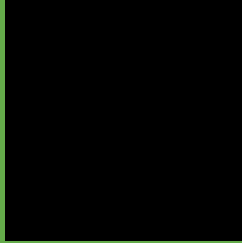
Any Text WCAG AA ✓ Pass

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 64AB4A Background



This preview shows how black text looks on a background with the Hex color 64AB4A.



This preview shows how white text looks on a background with the Hex color 64AB4A.

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
64AB4A

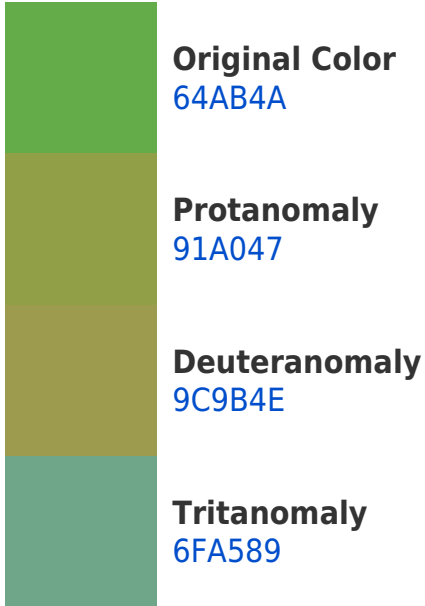
Protanopia
AA9945

Deuteranopia
BC9251

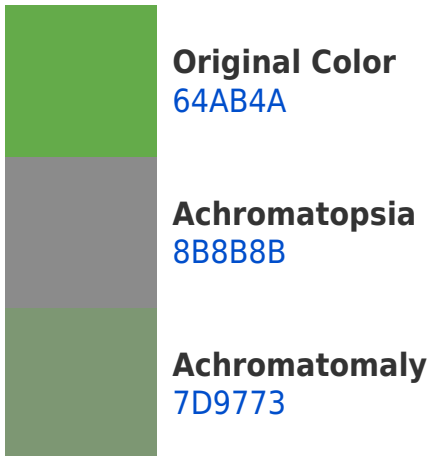


Tritanopia
75A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64AB4A 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 #64AB4A looks like.

```
.text, #text, p{  
    color:#64AB4A  
}
```

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 #64AB4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AB4A
}
```

Border

The CSS property to change the border of an element to Hex 64AB4A 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
#64AB4A }
```

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

```
.border{ border-color:#64AB4A }
```

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

Here you see how a box with a 4 pixel #64AB4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AB4A; -webkit-box-shadow:4px 4px  
4px 4px #64AB4A; box-shadow:4px 4px 4px  
4px #64AB4A }
```

Background

The CSS property to change the background color of an element to Hex 64AB4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AB4A }
```

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

```
.background{ background-color:#64AB4A }
```

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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