

Converting Colors

Hex(64AE3E)

Have a look what the booklet for
Hex(64AE3E) contains.

Hex(64AE3E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64AE3E)

Conversions

Conversions Part 1

Format	Color
Hex	64AE3E
RGB	100, 174, 62
RGB Percent	39%, 68%, 24%
CMY	0.6078, 0.3176, 0.7569
CMYK	0.43, 0.00, 0.64, 0.32
HSL	100°, 47%, 46%
HSV	100°, 64%, 68%
XYZ	21.2611, 33.3292, 9.8700
YIQ	139.1060, -8.1520, -50.5200

Conversions

Conversions Part 2

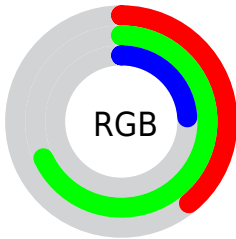
Format	Color
RYB	62, 174, 136
Decimal	6598206
CIELab	64.43, -43.15, 48.82
CIELCh	64, 65.157, 131.468
Yxy	33.3292, 0.3298, 0.5171
Android (android.graphics.Color)	4284788286 (0xFF64AE3E)
YUV	139.1060, -38.0133, -34.2960
Hunter-Lab	57.7315, -35.2929, 30.2755

Details

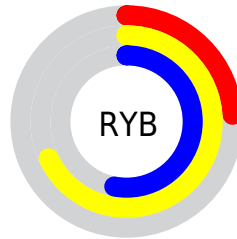
The Hex color **64AE3E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **883EAE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9CE672**, and **2B7900** is the 20% darker color. If you saturate the color by 10%, you get **59AE2D**, and if you desaturate by 10%, it is **6FAE4F**.

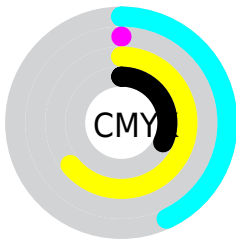
Distribution



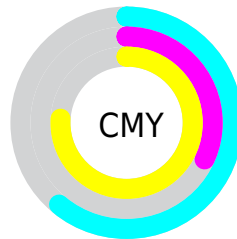
- Red (39%)
- Green (68%)
- Blue (24%)



- Red (24%)
- Yellow (68%)
- Blue (53%)



- Cyan (43%)
- Magenta (0%)
- Yellow (64%)
- Black (32%)



- Cyan (61%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64AE3E 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 64AE3E by changing the saturation by 10% instead.



64AE3E



64AE3E

FFFFFF



489323



9CE672



2B7900



B8FF8D



015F00



D5FFA8



004700



F2FFC4



003000



FFFFE1



001800

FFFFFFE



000000



64AE3E



64AE3E



59AE2D



6FAE4F

■ 4DAE1B

■ 7BAE61

■ 42AE0A

■ 86AE72

■ 3BAE00

■ 92AE84

■ 9DAE95

■ A9AEA6

■ B4AEB8

■ C0AEC9

■ CBAEDB

Harmonies

Analogous

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



A5A016



64AE3E



00B575

Triad

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



64AE3E



00ADFF



FF6488

Complementary

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



64AE3E



883EAE

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.



F26BC3



64AE3E



4B9BFF

Square

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



64AE3E



00B5E8



BC83F4



FA7452

Rectangle

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



64AE3E



00B79D



BC83F4



FF639C

Sweetspot

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



64AE3E



C6E3B8



AE873E



617358



F2F2F2



737373

Same Dimension

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



64AE3E



6FE334



3EAE4F



51574E



339600



081700

Inverse Universe

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



883EAE



A834E3



AE3E9D



544E57



630096



0F0017

Previews

White Background



This preview shows how the Hex color 64AE3E looks on a white background.

Color Contrast Check

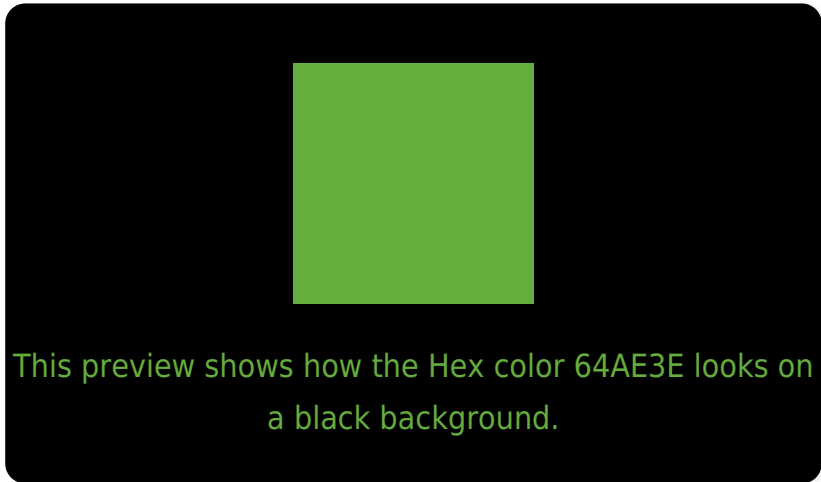
Large Text (above 18pt) WCAG AA × Fail

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 64AE3E Background



This preview shows how black text looks on a background with the Hex color 64AE3E.

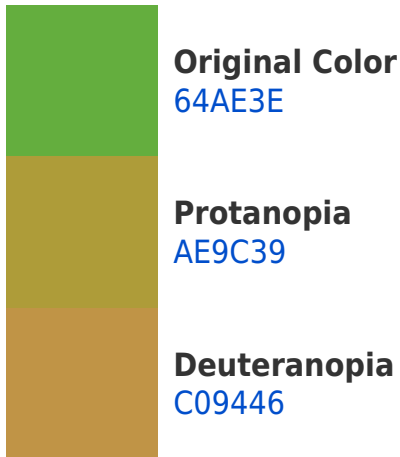


This preview shows how white text looks on a background with the Hex color 64AE3E.

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](#).

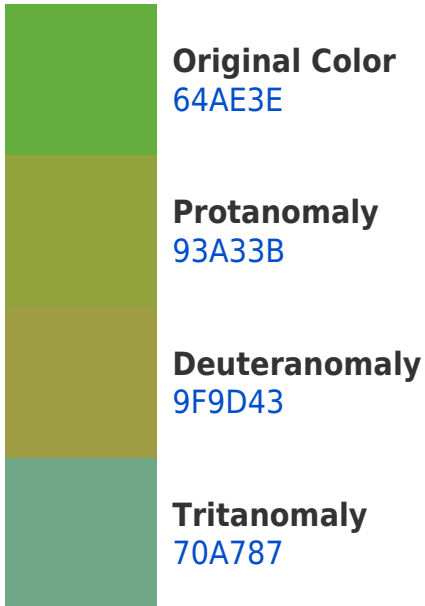
Dichromacy



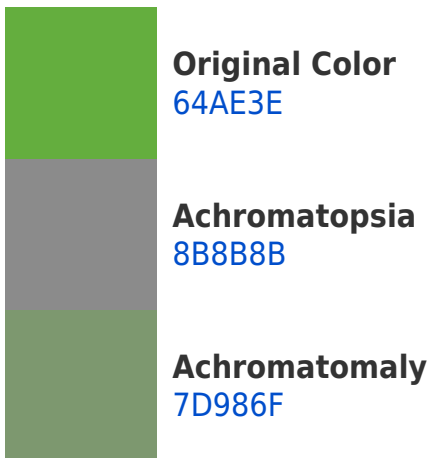


Tritanopia
77A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64AE3E 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 #64AE3E looks like.

```
.text, #text, p{  
    color:#64AE3E  
}
```

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 #64AE3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AE3E
}
```

Border

The CSS property to change the border of an element to Hex 64AE3E 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
#64AE3E }
```

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

```
.border{ border-color:#64AE3E }
```

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

Here you see how a box with a 4 pixel #64AE3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AE3E; -webkit-box-shadow:4px 4px  
4px 4px #64AE3E; box-shadow:4px 4px 4px  
4px #64AE3E }
```

Background

The CSS property to change the background color of an element to Hex 64AE3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AE3E }
```

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

```
.background{ background-color:#64AE3E }
```

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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