

Converting Colors

Hex(64B03A)

Have a look what the booklet for
Hex(64B03A) contains.

Hex(64B03A)	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(64B03A)

Conversions

Conversions Part 1

Format	Color
Hex	64B03A
RGB	100, 176, 58
RGB Percent	39%, 69%, 23%
CMY	0.6078, 0.3098, 0.7725
CMYK	0.43, 0.00, 0.67, 0.31
HSL	99°, 50%, 46%
HSV	99°, 67%, 69%
XYZ	21.5446, 34.0655, 9.4428
YIQ	139.8240, -7.4180, -52.8100

Conversions

Conversions Part 2

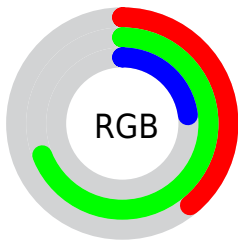
Format	Color
RYB	58, 176, 134
Decimal	6598714
CIELab	65.01, -44.34, 51.15
CIELCh	65, 67.694, 130.918
Yxy	34.0655, 0.3312, 0.5237
Android (android.graphics.Color)	4284788794 (0xFF64B03A)
YUV	139.8240, -40.3392, -34.9256
Hunter-Lab	58.3656, -36.2499, 31.2636

Details

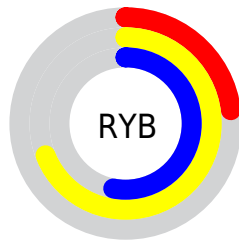
The Hex color **64B03A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **863AB0**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9CE86F**, and **2A7B00** is the 20% darker color. If you saturate the color by 10%, you get **59B028**, and if you desaturate by 10%, it is **6FB04C**.

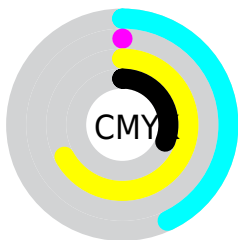
Distribution



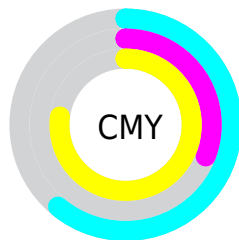
- Red (39%)
- Green (69%)
- Blue (23%)



- Red (23%)
- Yellow (69%)
- Blue (53%)



- Cyan (43%)
- Magenta (0%)
- Yellow (67%)
- Black (31%)



- Cyan (61%)
- Magenta (31%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B03A 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 64B03A by changing the saturation by 10% instead.

 64B03A

 64B03A

FFFFFF

 48951E

 9CE86F

 2A7B00

 B8FF8A

 006100

 D5FFA5

 004900

 F3FFC1

 003100

 FFFFDE

 001A00

 FFFFFB

 000000

 64B03A

 64B03A

 59B028

 6FB04C


 4DB017

 7BB05D

 42B005

 86B06F

 3FB000

 91B080

 9DB092

 A8B0A4

 B3B0B5

 BFB0C7

 CAB0D8

Harmonies

Analogous

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



A7A20A



64B03A



00B874

Triad

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



64B03A



00AFFF



FF628A

Complementary

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



64B03A



863AB0

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.



F76AC7



64B03A



409DFF

Square

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



64B03A



00B8EC



BD84FA



FF7351

Rectangle

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



64B03A



00BA9E



BD84FA



FF619E

Sweetspot

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



64B03A



C8E6B8



B0853A



617357



F2F2F2



737373

Same Dimension

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



64B03A



6FE62E



3AB04A



545950



369900



091A00

Inverse Universe

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



863AB0



A42EE6



B03AA0



565059



630099



10001A

Previews

White Background



This preview shows how the Hex color 64B03A looks on a white background.

Color Contrast Check

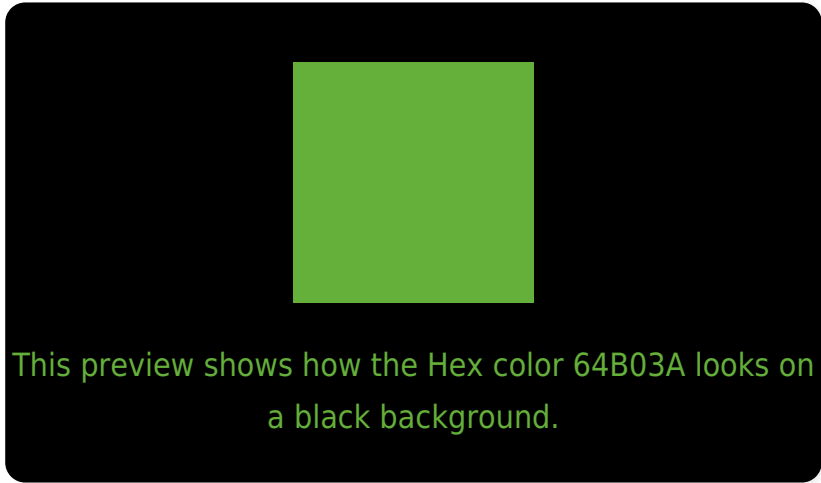
Large Text (above 18pt) WCAG AA × Fail

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 64B03A Background



This preview shows how black text looks on a background with the Hex color 64B03A.

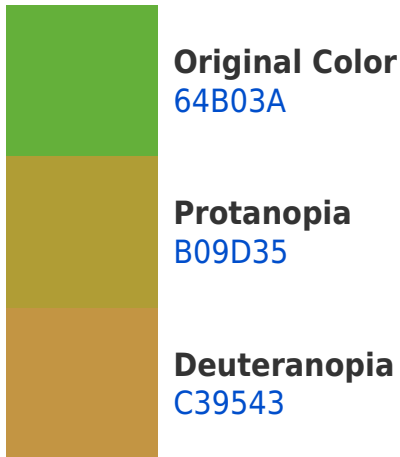


This preview shows how white text looks on a background with the Hex color 64B03A.

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](#).

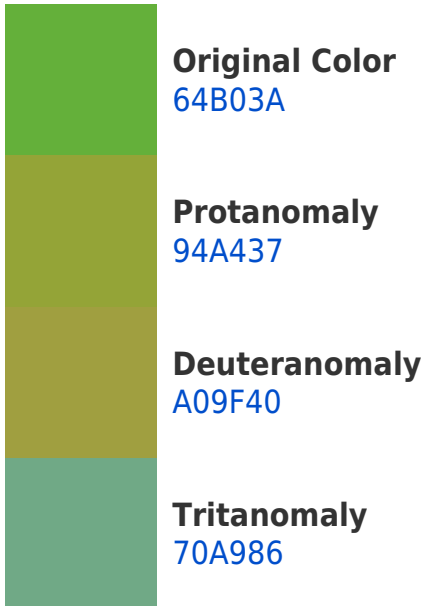
Dichromacy





Tritanopia
77A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B03A 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 #64B03A looks like.

```
.text, #text, p{  
    color:#64B03A  
}
```

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 #64B03A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B03A
}
```

Border

The CSS property to change the border of an element to Hex 64B03A 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
#64B03A }
```

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

```
.border{ border-color:#64B03A }
```

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

Here you see how a box with a 4 pixel #64B03A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B03A; -webkit-box-shadow:4px 4px  
4px 4px #64B03A; box-shadow:4px 4px 4px  
4px #64B03A }
```

Background

The CSS property to change the background color of an element to Hex 64B03A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B03A }
```

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

```
.background{ background-color:#64B03A }
```

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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