

Converting Colors

Hex(64A835)

Have a look what the booklet for
Hex(64A835) contains.

Hex(64A835)	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(64A835)

Conversions

Conversions Part 1

Format	Color
Hex	64A835
RGB	100, 168, 53
RGB Percent	39%, 66%, 21%
CMY	0.6078, 0.3412, 0.7922
CMYK	0.40, 0.00, 0.68, 0.34
HSL	95°, 52%, 43%
HSV	95°, 68%, 66%
XYZ	19.9008, 30.9716, 8.2974
YIQ	134.5580, -3.6130, -50.1810

Conversions

Conversions Part 2

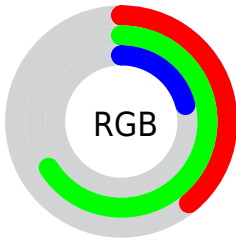
Format	Color
RYB	53, 168, 121
Decimal	6596661
CIELab	62.48, -41.39, 50.52
CIELCh	62, 65.313, 129.324
Yxy	30.9716, 0.3363, 0.5234
Android (android.graphics.Color)	4284786741 (0xFF64A835)
YUV	134.5580, -40.2081, -30.3074
Hunter-Lab	55.6522, -33.5611, 30.1167

Details

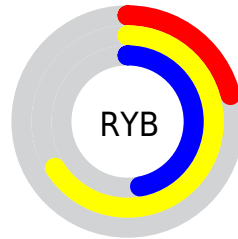
The Hex color **64A835** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7935A8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9BE06A**, and **2C7300** is the 20% darker color. If you saturate the color by 10%, you get **5AA824**, and if you desaturate by 10%, it is **6EA846**.

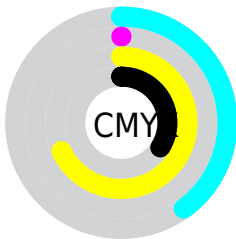
Distribution



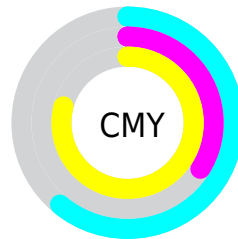
- Red (39%)
- Green (66%)
- Blue (21%)



- Red (21%)
- Yellow (66%)
- Blue (47%)



- Cyan (40%)
- Magenta (0%)
- Yellow (68%)
- Black (34%)



- Cyan (61%)
- Magenta (34%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A835 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 64A835 by changing the saturation by 10% instead.

 64A835

 64A835

FFFFFF

 488D18

 9BE06A

 2C7300

 B8FD84

 065A00

 D5FFA0

 004200

 F2FFBB

 002C00

 FFFFD8

 001000

 FFFFF5

 000000

 64A835

 64A835

 5AA824

 6EA846

■ 50A813

■ 78A857

■ 46A803

■ 82A867

■ 45A800

■ 8CA878

■ 96A889

■ A0A89A

■ AAA8AB

■ B3A8BB

■ BDA8CC

Harmonies

Analogous

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



A39A0A



64A835



00B06C

Triad

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



64A835



00A8FF



FF5D87

Complementary

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



64A835



7935A8

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.



EA66C1



64A835



3098FF

Square

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



64A835



00B0DF



B17FF1



F56D50

Rectangle

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



64A835



00B294



B17FF1



FC5E9B

Sweetspot

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



64A835



C0DBAD



A87835



5D6E52



EDEDED



6E6E6E

Same Dimension

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



64A835



71DB27



35A83F



4F544C



3C9400



081400

Inverse Universe

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



7935A8



9227DB



A8359E



514C54



570094



0C0014

Previews

White Background



This preview shows how the Hex color 64A835 looks on a white background.

Color Contrast Check

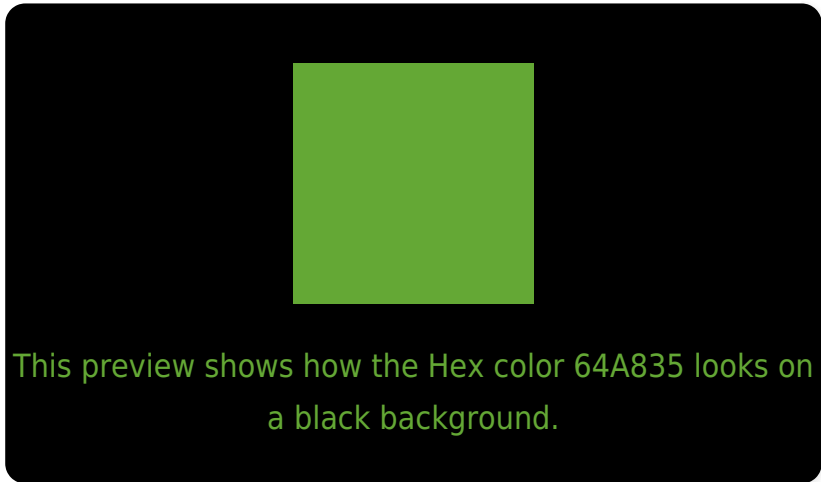
Large Text (above 18pt) WCAG AA × Fail

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 64A835 Background



This preview shows how black text looks on a background with the Hex color 64A835.



This preview shows how white text looks on a background with the Hex color 64A835.

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
64A835

Protanopia
A89730

Deuteranopia
BB8F3E

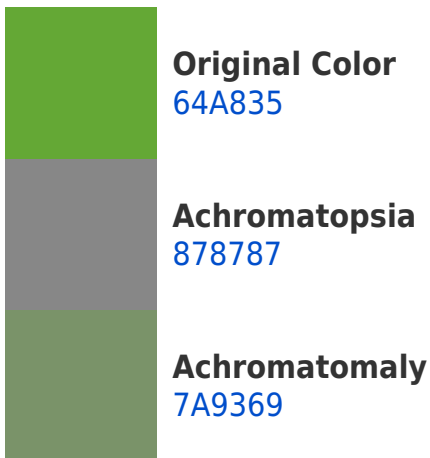


Tritanopia
769DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A835 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 #64A835 looks like.

```
.text, #text, p{  
    color:#64A835  
}
```

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 #64A835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A835
}
```

Border

The CSS property to change the border of an element to Hex 64A835 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
#64A835 }
```

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

```
.border{ border-color:#64A835 }
```

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

Here you see how a box with a 4 pixel #64A835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A835; -webkit-box-shadow:4px 4px  
4px 4px #64A835; box-shadow:4px 4px 4px  
4px #64A835 }
```

Background

The CSS property to change the background color of an element to Hex 64A835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A835 }
```

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

```
.background{ background-color:#64A835 }
```

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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