

Converting Colors

Hex(48AD37)

Have a look what the booklet for
Hex(48AD37) contains.

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Color

Hex(48AD37)

Conversions

Conversions Part 1

Format	Color
Hex	48AD37
RGB	72, 173, 55
RGB Percent	28%, 68%, 22%
CMY	0.7176, 0.3216, 0.7843
CMYK	0.58, 0.00, 0.68, 0.32
HSL	111°, 52%, 45%
HSV	111°, 68%, 68%
XYZ	18.3056, 31.5407, 8.7376
YIQ	129.3490, -22.3180, -58.1100

Conversions

Conversions Part 2

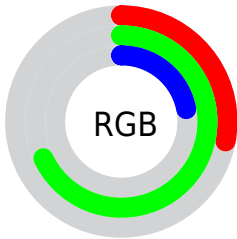
Format	Color
RYB	55, 173, 156
Decimal	4762935
CIELab	62.96, -51.60, 49.87
CIELCh	63, 71.766, 135.976
Yxy	31.5407, 0.3125, 0.5384
Android (android.graphics.Color)	4282953015 (0xFF48AD37)
YUV	129.3490, -36.6541, -50.2951
Hunter-Lab	56.1611, -40.1001, 30.0884

Details

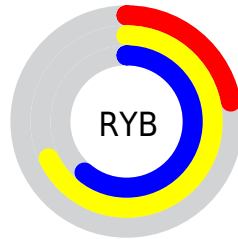
The Hex color **48AD37** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C37AD**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **82E56C**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **39AD26**, and if you desaturate by 10%, it is **57AD48**.

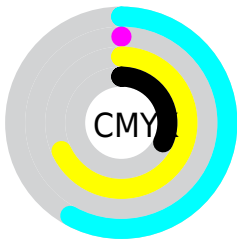
Distribution



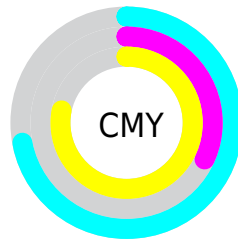
- Red (28%)
- Green (68%)
- Blue (22%)



- Red (22%)
- Yellow (68%)
- Blue (61%)



- Cyan (58%)
- Magenta (0%)
- Yellow (68%)
- Black (32%)



- Cyan (72%)
- Magenta (32%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48AD37 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 48AD37 by changing the saturation by 10% instead.

 48AD37

 48AD37

FFFFFF

 27921B

 82E56C

 007700

 9FFF86

 005E00

 BCFFA2

 004500

 DAFFBE

 002F00

 F8FFDA

 001200

 FFFFF7

 000000

 48AD37

 48AD37

 39AD26

 57AD48

■ 2AAD14

■ 66AD5A

■ 1CAD03

■ 74AD6B

■ 19AD00

■ 83AD7C

■ 92AD8E

■ A1AD9F

■ B0ADB0

■ BEADC1

■ CDADD3

Harmonies

Analogous

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



96A000



48AD37



00B477

Triad

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



48AD37



00A8FF



FF5779

Complementary

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



48AD37



9C37AD

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.



FB5BB9



48AD37



5094FF

Square

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



48AD37



00B3F3



C677F2



F86E3E

Rectangle

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



48AD37



00B6A4



C677F2



FF548E

Sweetspot

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



48AD37



BAE0B4



AD9B37



597055



F0F0F0



707070

Same Dimension

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



48AD37



43E028



37AD60



4F574E



169600



031700

Inverse Universe

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



9C37AD



C628E0



AD3784



554E57



810096



140017

Previews

White Background



This preview shows how the Hex color 48AD37 looks on a white background.

Color Contrast Check

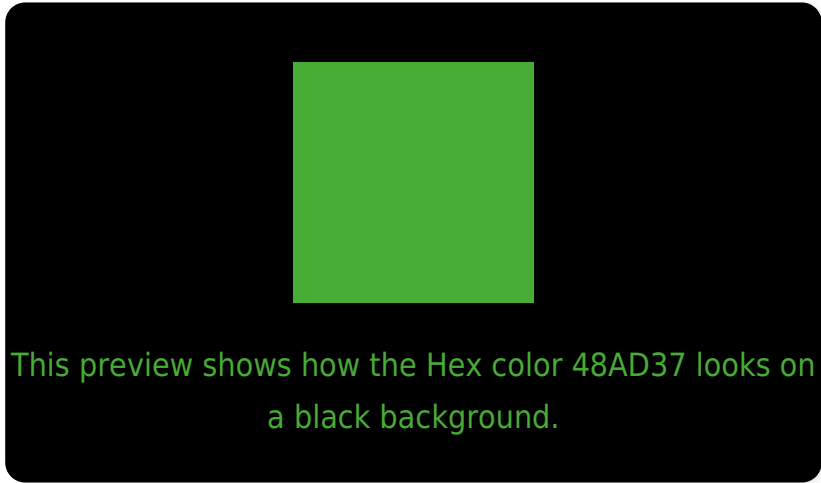
Large Text (above 18pt) WCAG AA × Fail

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 48AD37 Background



This preview shows how black text looks on a background with the Hex color 48AD37.

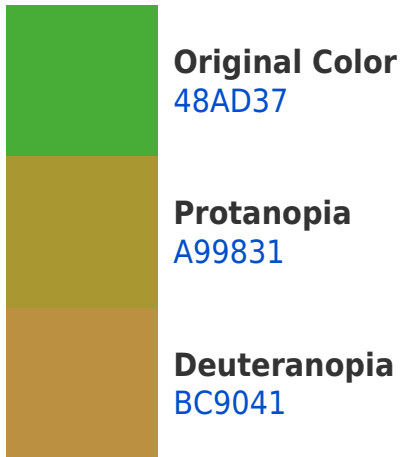


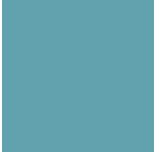
This preview shows how white text looks on a background with the Hex color 48AD37.

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](#).

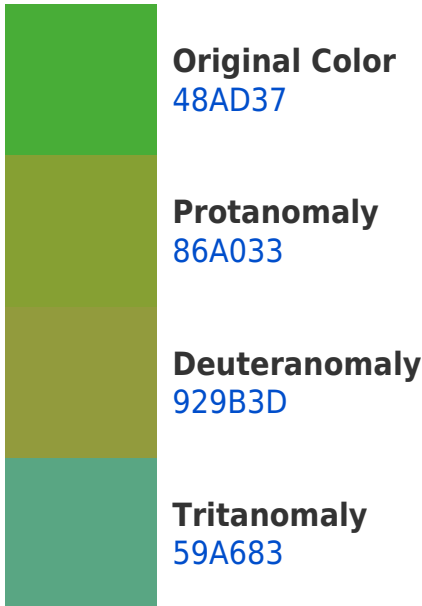
Dichromacy



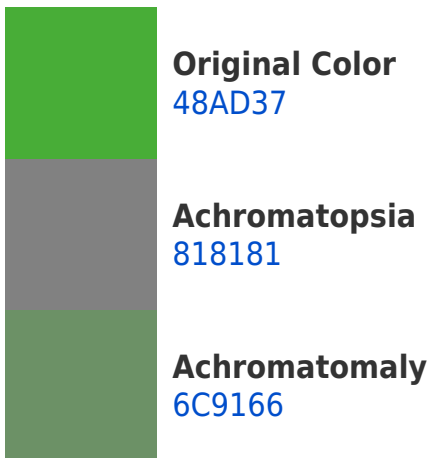


Tritanopia
62A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48AD37 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 #48AD37 looks like.

```
.text, #text, p{  
    color:#48AD37  
}
```

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 #48AD37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48AD37
}
```

Border

The CSS property to change the border of an element to Hex 48AD37 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
#48AD37 }
```

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

```
.border{ border-color:#48AD37 }
```

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

Here you see how a box with a 4 pixel #48AD37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48AD37; -webkit-box-shadow:4px 4px  
4px 4px #48AD37; box-shadow:4px 4px 4px  
4px #48AD37 }
```

Background

The CSS property to change the background color of an element to Hex 48AD37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48AD37 }
```

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

```
.background{ background-color:#48AD37 }
```

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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