

# Converting Colors

Hex(82AF33)

Have a look what the booklet for  
Hex(82AF33) contains.

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# **Color**

**Hex(82AF33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82AF33
RGB	130, 175, 51
RGB Percent	51%, 69%, 20%
CMY	0.4902, 0.3137, 0.8000
CMYK	0.26, 0.00, 0.71, 0.31
HSL	82°, 55%, 44%
HSV	82°, 71%, 69%
XYZ	25.1334, 35.6448, 8.6874
YIQ	147.4090, 12.9840, -48.1040

# Conversions

## Conversions Part 2

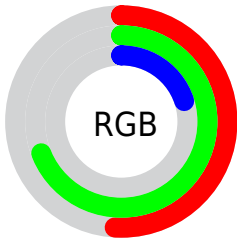
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 175, 96
Decimal	8564531
CIELab	66.25, -33.59, 55.71
CIELCh	66, 65.048, 121.088
Yxy	35.6448, 0.3618, 0.5131
Android (android.graphics.Color)	4286754611 (0xFF82AF33)
YUV	147.4090, -47.5296, -15.2677
Hunter-Lab	59.7033, -29.3371, 33.1650

# Details

The Hex color **82AF33** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6033AF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BAE769**, and **4C7A00** is the 20% darker color. If you saturate the color by 10%, you get **7CAF22**, and if you desaturate by 10%, it is **88AF45**.

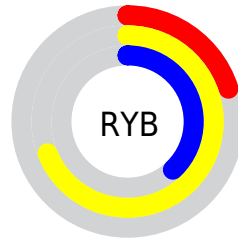
# Distribution



Red (51%)

Green (69%)

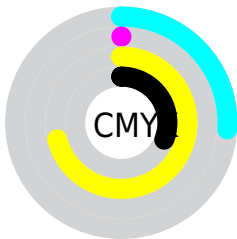
Blue (20%)



Red (20%)

Yellow (69%)

Blue (38%)

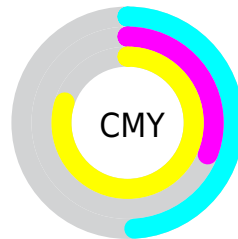


Cyan (26%)

Magenta (0%)

Yellow (71%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82AF33 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 82AF33 by changing the saturation by 10% instead.





82AF33



82AF33

FFFFFF



679414



BAE769



4C7A00



D7FF84



316100



F4FF9F



134900



FFFFBB



003200



FFFFD8



001E00



FFFFF5



000000



82AF33



82AF33



7CAF22



88AF45

■ 75AF10

■ 8FAF56

■ 6FAF00

■ 95AF68

■ 9BAF79

■ A2AF8B

■ A8AF9C

■ AEAFAE

■ B5AFBF

■ BBAFD1

# Harmonies

## Analogous

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



BD9F1B



82AF33



1AB866

# Triad

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



82AF33



00B5FF



FF69A1

# Complementary

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



82AF33



6033AF

# 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.



E977DB



82AF33



00A7FF

# Square

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



82AF33



00BCDC



A491FF



FF7268

# Rectangle

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



82AF33



00BC8D



A491FF



FF6BB5



# Sweetspot

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



82AF33



D2E3B3



AF5E33



687356



F2F2F2



737373



# Same Dimension

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



82AF33



9DE322



46AF33



54574E



609600



0F1700



# Inverse Universe

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



6033AF



6822E3



9C33AF



514E57



370096



080017



# Previews

## White Background



This preview shows how the Hex color 82AF33 looks on a white background.

## Color Contrast Check

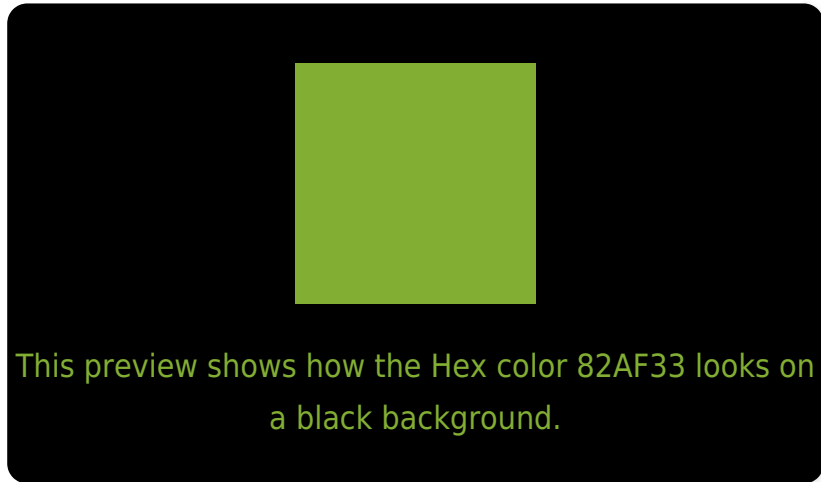
Large Text (above 18pt) WCAG AA × Fail

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 82AF33 Background



This preview shows how black text looks on a background with the Hex color 82AF33.



This preview shows how white text looks on a background with the Hex color 82AF33.

# 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](#).

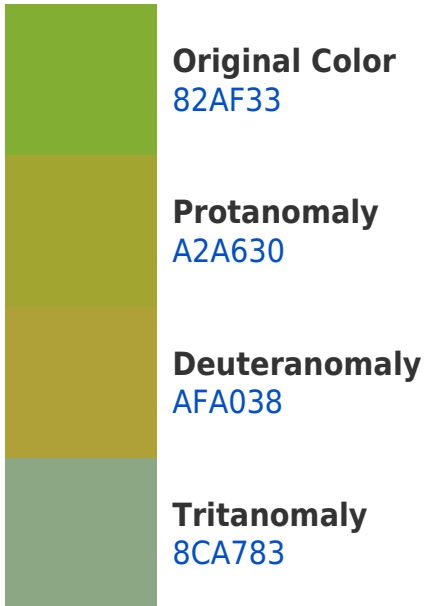
## Dichromacy





**Tritanopia**  
91A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82AF33 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 #82AF33 looks like.

```
.text, #text, p{  
    color:#82AF33  
}
```

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 #82AF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82AF33
}
```

## Border

The CSS property to change the border of an element to Hex 82AF33 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
#82AF33 }
```

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

```
.border{ border-color:#82AF33 }
```

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

Here you see how a box with a 4 pixel #82AF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82AF33; -webkit-box-shadow:4px 4px  
4px 4px #82AF33; box-shadow:4px 4px 4px  
4px #82AF33 }
```

# Background

The CSS property to change the background color of an element to Hex 82AF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82AF33 }
```

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

```
.background{ background-color:#82AF33 }
```

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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