

Converting Colors

Hex(82AC30)

Have a look what the booklet for
Hex(82AC30) contains.

Hex(82AC30)	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(82AC30)

Conversions

Conversions Part 1

Format	Color
Hex	82AC30
RGB	130, 172, 48
RGB Percent	51%, 67%, 19%
CMY	0.4902, 0.3255, 0.8118
CMYK	0.24, 0.00, 0.72, 0.33
HSL	80°, 56%, 43%
HSV	80°, 72%, 67%
XYZ	24.4919, 34.4643, 8.1577
YIQ	145.3060, 14.7720, -47.4680

Conversions

Conversions Part 2

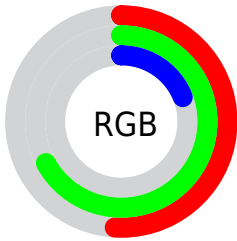
Format	Color
RYB	48, 172, 90
Decimal	8563760
CIELab	65.33, -32.38, 55.91
CIELCh	65, 64.611, 120.080
Yxy	34.4643, 0.3649, 0.5135
Android (android.graphics.Color)	4286753840 (0xFF82AC30)
YUV	145.3060, -47.9719, -13.4234
Hunter-Lab	58.7063, -28.2667, 32.8556

Details

The Hex color **82AC30** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5A30AC**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BAE466**, and **4C7700** is the 20% darker color. If you saturate the color by 10%, you get **7CAC1F**, and if you desaturate by 10%, it is **88AC41**.

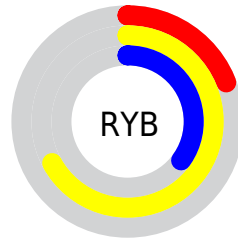
Distribution



Red (51%)

Green (67%)

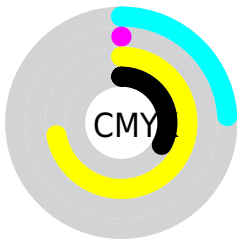
Blue (19%)



Red (19%)

Yellow (67%)

Blue (35%)

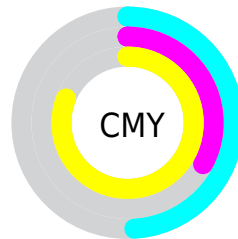


Cyan (24%)

Magenta (0%)

Yellow (72%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82AC30 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 82AC30 by changing the saturation by 10% instead.



82AC30



82AC30

FFFFFF



67910F



BAE466



4C7700



D7FF81



315E00



F4FF9C



144600



FFFFB8



002F00



FFFFD5



001B00



FFFFF2



000000



82AC30



82AC30



7CAC1F



88AC41

 76AC0E

 8EAC52

 72AC00

 93AC64

 99AC75

 9FAC86

 A5AC97

 ABACA8

 B1ACBA

 B6ACCB

Harmonies

Analogous

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



BC9C1A



82AC30



20B662

Triad

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



82AC30



00B3FF



FF67A1

Complementary

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



82AC30



5A30AC

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.



E476D9



82AC30



00A5FF

Square

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



82AC30



00B9D7



9E8FFF



FF6F68

Rectangle

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



82AC30



00B989



9E8FFF



FD69B4

Sweetspot

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



82AC30



D0E0AF



AC5930



667053



F0F0F0



707070

Same Dimension

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



82AC30



9EE01D



45AC30



54574E



639600



0F1700

Inverse Universe

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



5A30AC



5F1DE0



9730AC



514E57



330096



080017

Previews

White Background



This preview shows how the Hex color 82AC30 looks on a white background.

Color Contrast Check

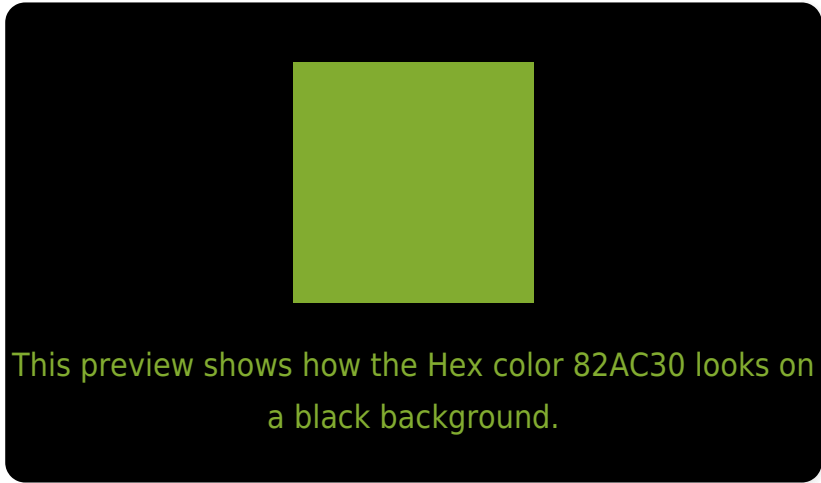
Large Text (above 18pt) WCAG AA × Fail

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 82AC30 Background



This preview shows how black text looks on a background with the Hex color 82AC30.

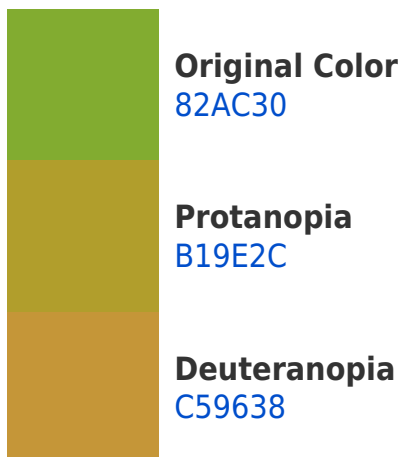


This preview shows how white text looks on a background with the Hex color 82AC30.

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](#).

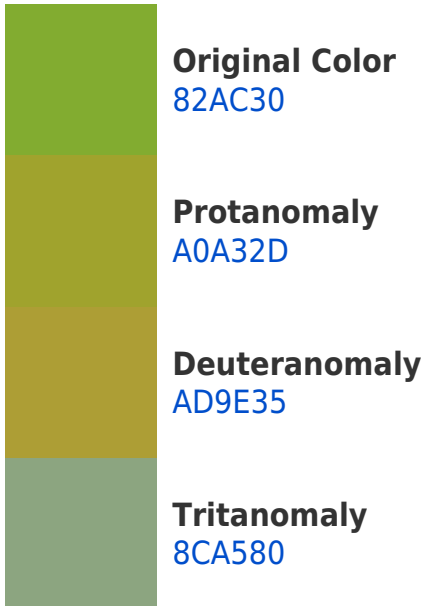
Dichromacy





Tritanopia
91A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82AC30 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 #82AC30 looks like.

```
.text, #text, p{  
    color:#82AC30  
}
```

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 #82AC30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82AC30
}
```

Border

The CSS property to change the border of an element to Hex 82AC30 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
#82AC30 }
```

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

```
.border{ border-color:#82AC30 }
```

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

Here you see how a box with a 4 pixel #82AC30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82AC30; -webkit-box-shadow:4px 4px  
4px 4px #82AC30; box-shadow:4px 4px 4px  
4px #82AC30 }
```

Background

The CSS property to change the background color of an element to Hex 82AC30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82AC30 }
```

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

```
.background{ background-color:#82AC30 }
```

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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