

Converting Colors

Hex(8D8130)

Have a look what the booklet for
Hex(8D8130) contains.

Hex(8D8130)	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(8D8130)

Conversions

Conversions Part 1

Format	Color
Hex	8D8130
RGB	141, 129, 48
RGB Percent	55%, 51%, 19%
CMY	0.4471, 0.4941, 0.8118
CMYK	0.00, 0.09, 0.66, 0.45
HSL	52°, 49%, 37%
HSV	52°, 66%, 55%
XYZ	19.3683, 21.5766, 5.9402
YIQ	123.3540, 33.1530, -22.6470

Conversions

Conversions Part 2

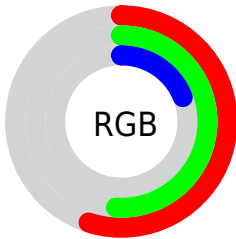
Format	Color
RYB	62, 141, 48
Decimal	9273648
CIELab	53.57, -5.66, 44.10
CIELCh	54, 44.465, 97.315
Yxy	21.5766, 0.4131, 0.4602
Android (android.graphics.Color)	4287463728 (0xFF8D8130)
YUV	123.3540, -37.1495, 15.4755
Hunter-Lab	46.4507, -6.8605, 24.9333

Details

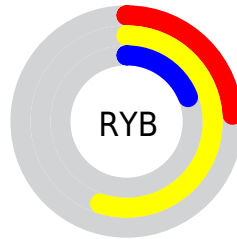
The Hex color **8D8130** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **303C8D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C5B662**, and **585000** is the 20% darker color. If you saturate the color by 10%, you get **8D7F22**, and if you desaturate by 10%, it is **8D833E**.

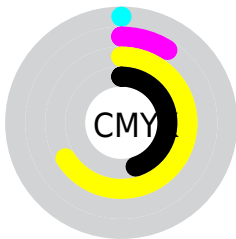
Distribution



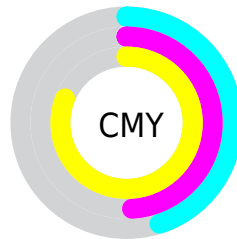
- Red (55%)
- Green (51%)
- Blue (19%)



- Red (24%)
- Yellow (55%)
- Blue (19%)



- Cyan (0%)
- Magenta (9%)
- Yellow (66%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D8130 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 8D8130 by changing the saturation by 10% instead.

 8D8130

 8D8130

FFFFFF

 726816

 C5B662

 585000

 E2D17C

 3F3900

 FFED97

 262400

 FFFFB2

 051000

 FFFFCE

 000000

 FFFFEA

 8D8130

 8D8130

 8D7F22

 8D833E

■ 8D7D14

■ 8D854C

■ 8D7C06

■ 8D865A

■ 8D7B00

■ 8D8868

■ 8D8A77

■ 8D8C85

■ 8D8E93

■ 8D90A1

■ 8D91AF

Harmonies

Analogous

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



AD7338



8D8130



648B40

Triad

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



8D8130



0092AD



B6649E

Complementary

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



8D8130



303C8D

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.



8F72BD



8D8130



008CC6

Square

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



8D8130



009389



4C81CC



C75F78

Rectangle

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



8D8130



428F55



4C81CC



AC68AA

Sweetspot

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



8D8130



B8B393



8D303C



5C5946



DBDBDB



5C5C5C

Same Dimension

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



8D8130



B8A527



6B8D30



474640



877600



080700

Inverse Universe

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



303C8D



2739B8



52308D



404147



001187



000108

Previews

White Background



This preview shows how the Hex color 8D8130 looks on a white background.

Color Contrast Check

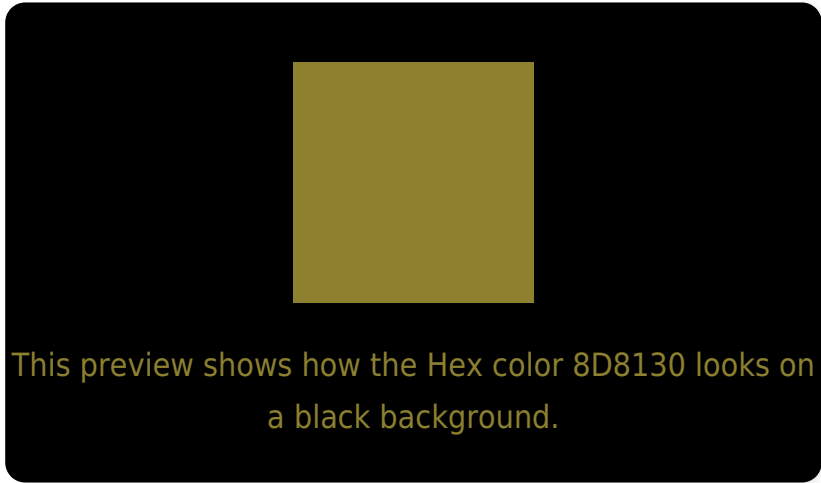
Large Text (above 18pt) WCAG AA ✓ Pass

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

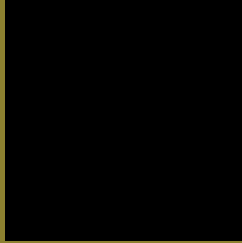
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8D8130 Background



This preview shows how black text looks on a background with the Hex color 8D8130.



This preview shows how white text looks on a background with the Hex color 8D8130.

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
8D8130

Protanopia
8F8030

Deuteranopia
9F7A32



Tritanopia
947982

Trichromacy



Original Color
8D8130

Protanomaly
8E8030

Deuteranomaly
987D31

Tritanomaly
917C64

Monochromacy



Original Color
8D8130

Achromatopsia
7B7B7B

Achromatomaly
827D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D8130 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 #8D8130 looks like.

```
.text, #text, p{  
    color:#8D8130  
}
```

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 #8D8130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D8130
}
```

Border

The CSS property to change the border of an element to Hex 8D8130 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
#8D8130 }
```

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

```
.border{ border-color:#8D8130 }
```

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

Here you see how a box with a 4 pixel #8D8130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D8130; -webkit-box-shadow:4px 4px  
4px 4px #8D8130; box-shadow:4px 4px 4px  
4px #8D8130 }
```

Background

The CSS property to change the background color of an element to Hex 8D8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D8130 }
```

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

```
.background{ background-color:#8D8130 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor