

Converting Colors

Hex(808331)

Have a look what the booklet for
Hex(808331) contains.

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Color

Hex(808331)

Conversions

Conversions Part 1

Format	Color
Hex	808331
RGB	128, 131, 49
RGB Percent	50%, 51%, 19%
CMY	0.4980, 0.4863, 0.8078
CMYK	0.02, 0.00, 0.63, 0.49
HSL	62°, 46%, 35%
HSV	62°, 63%, 51%
XYZ	17.5728, 21.0435, 6.0414
YIQ	120.7550, 24.5340, -26.1380

Conversions

Conversions Part 2

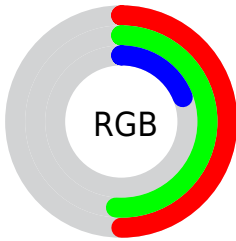
Format	Color
R_{YB}	49, 131, 52
Decimal	8422193
CIE _{Lab}	53.00, -12.56, 42.68
CIE _{LCh}	53, 44.488, 106.398
Yxy	21.0435, 0.3935, 0.4712
Android (android.graphics.Color)	4286612273 (0xFF808331)
YUV	120.7550, -35.3752, 6.3539
Hunter-Lab	45.8732, -11.8998, 24.3030

Details

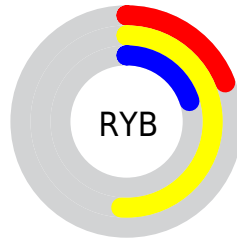
The Hex color **808331** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **343183**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B7B863**, and **4C5200** is the 20% darker color. If you saturate the color by 10%, you get **808324**, and if you desaturate by 10%, it is **80833E**.

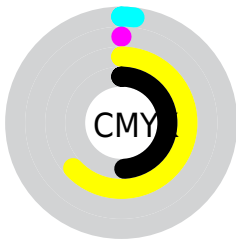
Distribution



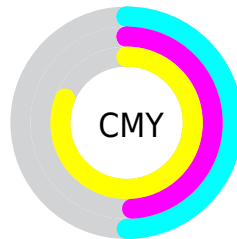
- Red (50%)
- Green (51%)
- Blue (19%)



- Red (19%)
- Yellow (51%)
- Blue (20%)



- Cyan (2%)
- Magenta (0%)
- Yellow (63%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808331 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 808331 by changing the saturation by 10% instead.

 808331

 808331

FFFFFF

 666A17

 B7B863

 4C5200

 D3D37D

 343B00

 F0F098

 1B2500

 FFFFB3

 001200

 FFFFCF

 000000

 FFFFEB

 808331

 808331

 808324

 80833E

■ 7F8317

■ 81834B

■ 7F830A

■ 818358

■ 7E8300

■ 828365

■ 828372

■ 838380

■ 83838D

■ 84839A

■ 8483A7

Harmonies

Analogous

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



A37632



808331



548C48

Triad

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



808331



008FB5



BC6092

Complementary

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



808331



343183

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.



9C6CB4



808331



0088C9

Square

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



808331



009293



637BC8



C65E6B

Rectangle

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



808331



2A8F5E



637BC8



B4639E

Sweetspot

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



808331



AAAB8A



833431



565743



D6D6D6



575757

Same Dimension

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



808331



A6AB2B



578331



42423C



7D8200



020300

Inverse Universe

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



343183



2F2BAB



5D3183



3C3C42



050082



000003

Previews

White Background



This preview shows how the Hex color 808331 looks on a white background.

Color Contrast Check

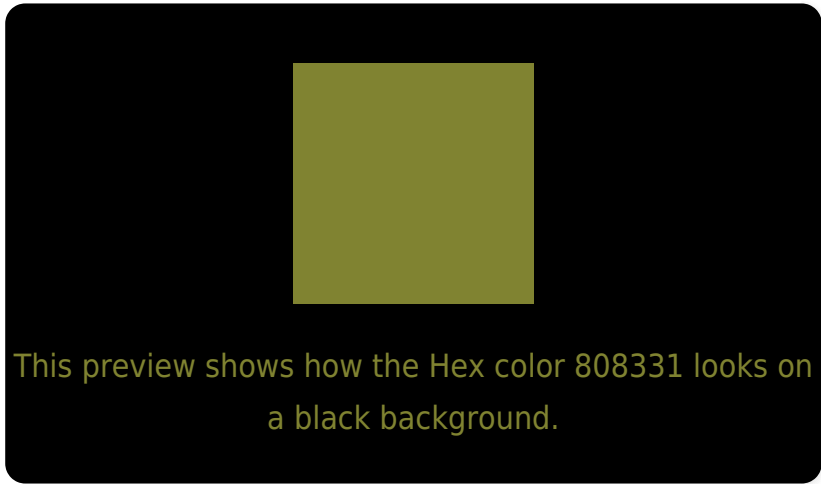
Large Text (above 18pt) WCAG AA ✓ Pass

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

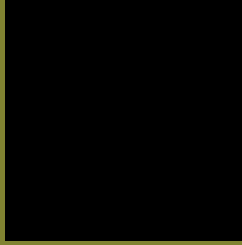
Any Text WCAG AA ✓ Pass

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 808331 Background



This preview shows how black text looks on a background with the Hex color 808331.



This preview shows how white text looks on a background with the Hex color 808331.

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
808331

Protanopia
8D7F30

Deuteranopia
9D7834



Tritanopia
887B84

Trichromacy



Original Color
808331

Protanomaly
888030

Deuteranomaly
927C33

Tritanomaly
857E66

Monochromacy



Original Color
808331

Achromatopsia
797979

Achromatomaly
7C7D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 808331 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 #808331 looks like.

```
.text, #text, p{  
    color:#808331  
}
```

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 #808331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808331
}
```

Border

The CSS property to change the border of an element to Hex 808331 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
#808331 }
```

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

```
.border{ border-color:#808331 }
```

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

Here you see how a box with a 4 pixel #808331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808331; -webkit-box-shadow:4px 4px  
4px 4px #808331; box-shadow:4px 4px 4px  
4px #808331 }
```

Background

The CSS property to change the background color of an element to Hex 808331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808331 }
```

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

```
.background{ background-color:#808331 }
```

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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