

# Converting Colors

Hex(828307)

Have a look what the booklet for  
Hex(828307) contains.

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**Color**

**Hex(828307)**

# Conversions

## Conversions Part 1

Format	Color
Hex	828307
RGB	130, 131, 7
RGB Percent	51%, 51%, 3%
CMY	0.4902, 0.4863, 0.9725
CMYK	0.01, 0.00, 0.95, 0.49
HSL	60°, 90%, 27%
HSV	60°, 95%, 51%
XYZ	17.3606, 20.9938, 3.3382
YIQ	116.5650, 39.2080, -38.7760

# Conversions

## Conversions Part 2

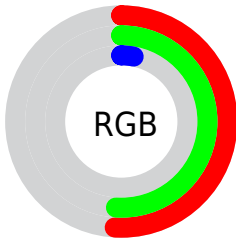
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 131, 8
Decimal	8553223
CIE Lab	52.94, -13.48, 56.27
CIE LCh	53, 57.862, 103.468
Yxy	20.9938, 0.4164, 0.5035
Android (android.graphics.Color)	4286743303 (0xFF828307)
YUV	116.5650, -54.0155, 11.7825
Hunter-Lab	45.8190, -12.5504, 27.7536

# Details

The Hex color **828307** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **080783**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BAB846**, and **4D5200** is the 20% darker color. If you saturate the color by 10%, you get **828300**, and if you desaturate by 10%, it is **828314**.

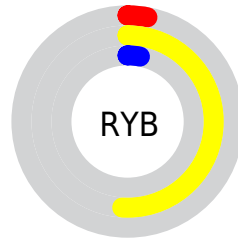
# Distribution



Red (51%)

Green (51%)

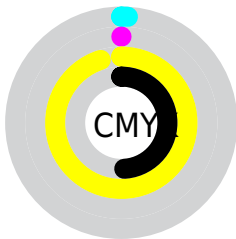
Blue (3%)



Red (3%)

Yellow (51%)

Blue (3%)

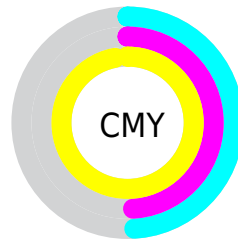


Cyan (1%)

Magenta (0%)

Yellow (95%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828307 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 828307 by changing the saturation by 10% instead.





828307



828307

FFFFFF



676A00



BAB846



4D5200



D7D360



333B00



F5F07B



1A2600



FFFF96



001200



FFFFB2



000000



FFFCE



FFFEB



828307



828307

■ 828300

■ 828314

■ 828321

■ 82832E

■ 82833B

■ 838349

■ 838356

■ 838363

■ 838370

■ 83837D

# Harmonies

## Analogous

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



AD7214



828307



498E30

# Triad

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



828307



0094C2



CA529C

# Complementary

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



828307



080783

# 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.



9D67C7



828307



008CDE

# Square

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



828307



009694



407CE0



D84D6A

# Rectangle

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



828307



009250



407CE0



BF58AC



# Sweetspot

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



828307



AAAB7B



830707



565739



D6D6D6



575757



# Same Dimension

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



828307



A9AB00



458307



42423C



818200



030300



# Inverse Universe

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



080783



0100AB



450783



3C3C42



010082



000003



# Previews

## White Background



This preview shows how the Hex color 828307 looks on a white background.

## Color Contrast Check

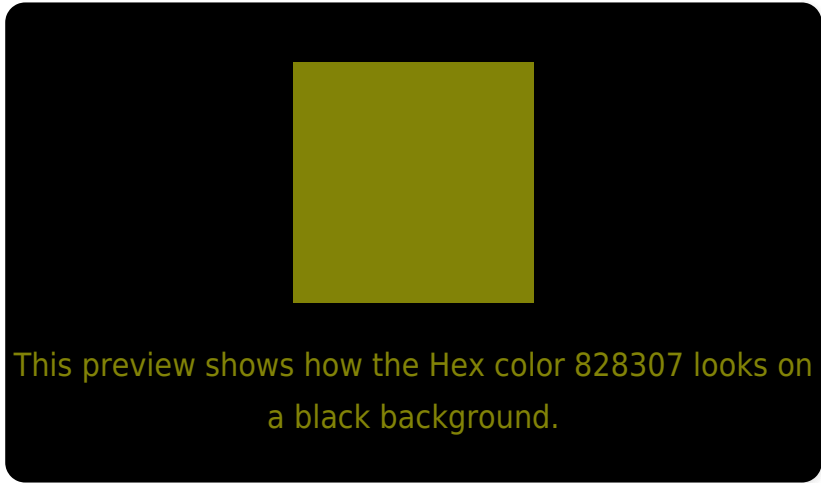
Large Text (above 18pt) WCAG AA ✓ Pass

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

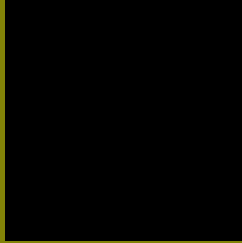
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 828307 Background



This preview shows how black text looks on a background with the Hex color 828307.



This preview shows how white text looks on a background with the Hex color 828307.

# 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**  
828307

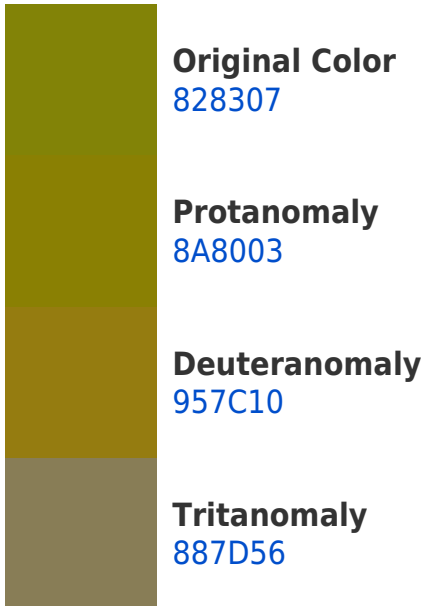
**Protanopia**  
8F7F01

**Deuteranopia**  
A07815

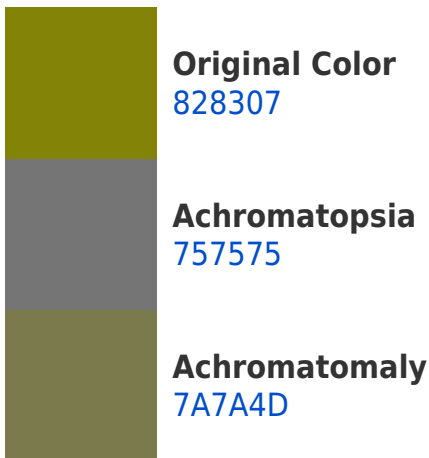


**Tritanopia**  
8B7A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828307 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 #828307 looks like.

```
.text, #text, p{  
    color:#828307  
}
```

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 #828307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828307
}
```

## Border

The CSS property to change the border of an element to Hex 828307 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
#828307 }
```

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

```
.border{ border-color:#828307 }
```

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

Here you see how a box with a 4 pixel #828307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828307; -webkit-box-shadow:4px 4px  
4px 4px #828307; box-shadow:4px 4px 4px  
4px #828307 }
```

# Background

The CSS property to change the background color of an element to Hex 828307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828307 }
```

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

```
.background{ background-color:#828307 }
```

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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