

# Converting Colors

Hex(808225)

Have a look what the booklet for  
Hex(808225) contains.

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**Color**

**Hex(808225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808225
RGB	128, 130, 37
RGB Percent	50%, 51%, 15%
CMY	0.4980, 0.4902, 0.8549
CMYK	0.02, 0.00, 0.72, 0.49
HSL	61°, 56%, 33%
HSV	61°, 72%, 51%
XYZ	17.2186, 20.6880, 4.8359
YIQ	118.8000, 28.6610, -29.3470

# Conversions

## Conversions Part 2

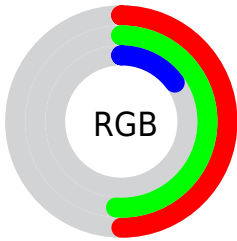
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 130, 39
Decimal	8421925
CIE <sub>Lab</sub>	52.61, -12.80, 47.46
CIE <sub>LCh</sub>	53, 49.155, 105.096
Yxy	20.6880, 0.4028, 0.4840
Android (android.graphics.Color)	4286612005 (0xFF808225)
YUV	118.8000, -40.3274, 8.0684
Hunter-Lab	45.4841, -12.0235, 25.5351

# Details

The Hex color **808225** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **272582**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B7B758**, and **4C5100** is the 20% darker color. If you saturate the color by 10%, you get **808218**, and if you desaturate by 10%, it is **808232**.

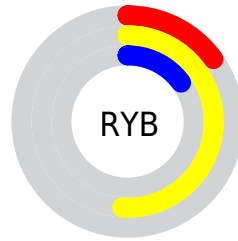
# Distribution



Red (50%)

Green (51%)

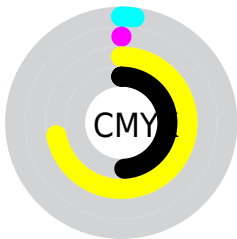
Blue (15%)



Red (15%)

Yellow (51%)

Blue (15%)

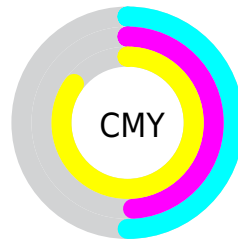


Cyan (2%)

Magenta (0%)

Yellow (72%)

Black (49%)



Cyan (50%)

Magenta (49%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808225 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 808225 by changing the saturation by 10% instead.





808225



808225

FFFFFF



656906



B7B758



4C5100



D4D272



333A00



F1EF8D



1A2500



FFFFA8



001100



FFFFC4



000000



FFFFE0



FFFFFD



808225



808225


 808218

 808232

 7F820B

 81823F

 7F8200

 81824C

 818259

 818266

 828273

 828280

 82828D

 83829A

# Harmonies

## Analogous

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



A67428



808225



508C3F

# Triad

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



808225



0090B8



C05A94

# Complementary

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



808225



272582

# 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.



9B69BA



808225



0088CF

# Square

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



808225



009292



587BCF



CB586A

# Rectangle

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



808225



188F58



587BCF



B75EA2



# Sweetspot

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



808225



A8A885



822725



54543F



D4D4D4



545454



# Same Dimension

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



808225



A5A818



528225



404039



7D8000



000000



# Inverse Universe

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



272582



1B18A8



552582



3A3940



030080



000000



# Previews

## White Background



This preview shows how the Hex color 808225 looks on a white background.

## Color Contrast Check

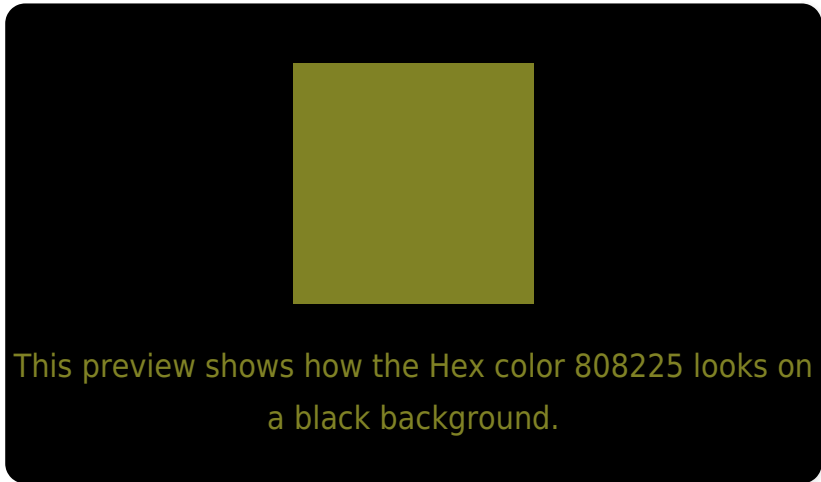
Large Text (above 18pt) WCAG AA ✓ Pass

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

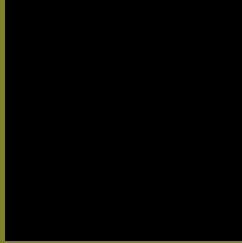
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 808225 Background



This preview shows how black text looks on a background with the Hex color 808225.



This preview shows how white text looks on a background with the Hex color 808225.

# 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**  
808225

**Protanopia**  
8D7E24

**Deuteranopia**  
9D7729



**Tritanopia**  
887983

# Trichromacy



**Original Color**  
808225

**Protanomaly**  
887F24

**Deuteranomaly**  
927B28

**Tritanomaly**  
857C61

# Monochromacy



**Original Color**  
808225

**Achromatopsia**  
777777

**Achromatomaly**  
7A7B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808225 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 #808225 looks like.

```
.text, #text, p{  
    color:#808225  
}
```

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 #808225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808225
}
```

## Border

The CSS property to change the border of an element to Hex 808225 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
#808225 }
```

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

```
.border{ border-color:#808225 }
```

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

Here you see how a box with a 4 pixel #808225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808225; -webkit-box-shadow:4px 4px  
4px 4px #808225; box-shadow:4px 4px 4px  
4px #808225 }
```

# Background

The CSS property to change the background color of an element to Hex 808225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808225 }
```

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

```
.background{ background-color:#808225 }
```

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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