

Converting Colors

Hex(808155)

Have a look what the booklet for
Hex(808155) contains.

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Color

Hex(808155)

Conversions

Conversions Part 1

Format	Color
Hex	808155
RGB	128, 129, 85
RGB Percent	50%, 51%, 33%
CMY	0.4980, 0.4941, 0.6667
CMYK	0.01, 0.00, 0.34, 0.49
HSL	61°, 21%, 42%
HSV	61°, 34%, 51%
XYZ	18.3920, 20.9456, 11.6679
YIQ	123.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

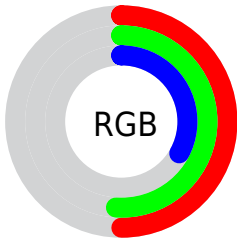
Format	Color
RYB	85, 129, 86
Decimal	8421717
CIELab	52.89, -7.74, 23.78
CIELCh	53, 25.007, 108.025
Yxy	20.9456, 0.3606, 0.4107
Android (android.graphics.Color)	4286611797 (0xFF808155)
YUV	123.6850, -19.0717, 3.7843
Hunter-Lab	45.7663, -8.3576, 16.9208

Details

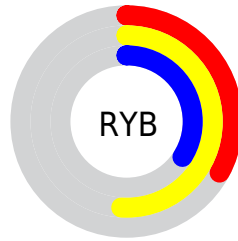
The Hex color **808155** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **565581**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B5B687**, and **4E5027** is the 20% darker color. If you saturate the color by 10%, you get **808148**, and if you desaturate by 10%, it is **808162**.

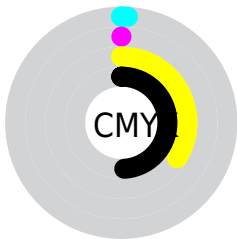
Distribution



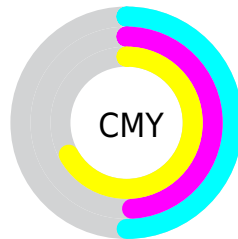
- Red (50%)
- Green (51%)
- Blue (33%)



- Red (33%)
- Yellow (51%)
- Blue (34%)



- Cyan (1%)
- Magenta (0%)
- Yellow (34%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808155 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 808155 by changing the saturation by 10% instead.

 808155

 808155

FFFFFF

 66683D

 B5B687

 4E5027

 D1D1A2

 363911

 EEEEED

 212400

 FFFFD9

 000F00

 FFFFF5

 000000

 808155

 808155


 808148

 808162


 7F813B

 81816F


 7F812E

 81817C

 7F8121

 818189

 7F8114

 818196

 7E8108

 8281A2

 7E8100

 8281AF

 8281BC

 8381C9

Harmonies

Analogous

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



957A54



808155



688661

Triad

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



808155



3B889D



A36F88

Complementary

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



808155



565581

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.



91749B



808155



5583A8

Square

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



808155



3A8A8B



757CA7



A96F72

Rectangle

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



808155



57896D



757CA7



9E708F

Sweetspot

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



808155



A8A897



815655



54544A



D4D4D4



545454

Same Dimension

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



808155



A7A863



6A8155



404039



7D8000



000000

Inverse Universe

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



565581



6563A8



6C5581



3A3940



030080



000000

Previews

White Background



This preview shows how the Hex color 808155 looks on a white background.

Color Contrast Check

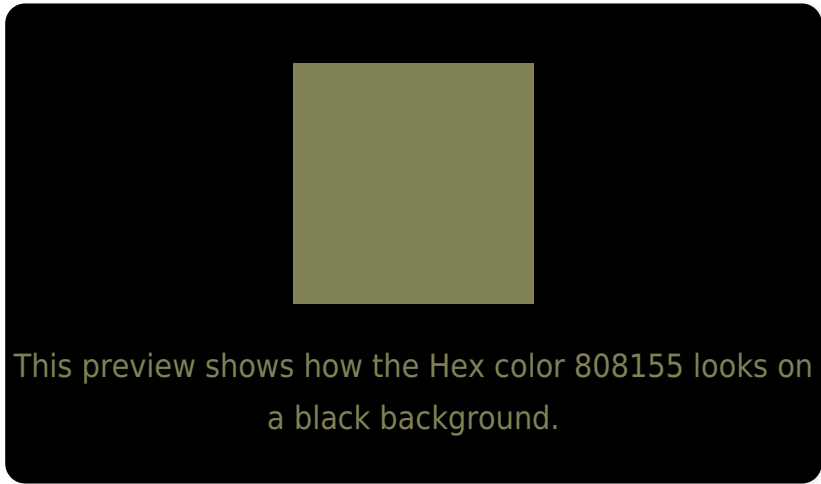
Large Text (above 18pt) WCAG AA ✓ Pass

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

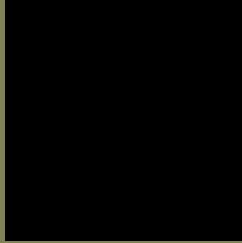
Any Text WCAG AA ✓ Pass

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 808155 Background



This preview shows how black text looks on a background with the Hex color 808155.



This preview shows how white text looks on a background with the Hex color 808155.

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
808155

Protanopia
897E54

Deuteranopia
977957



Tritanopia
867B85

Trichromacy



Original Color
808155

Protanomaly
867F54

Deuteranomaly
8F7C56

Tritanomaly
847D74

Monochromacy



Original Color
808155

Achromatopsia
7C7C7C

Achromatomaly
7D7E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 808155 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 #808155 looks like.

```
.text, #text, p{  
    color:#808155  
}
```

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 #808155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808155
}
```

Border

The CSS property to change the border of an element to Hex 808155 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
#808155 }
```

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

```
.border{ border-color:#808155 }
```

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

Here you see how a box with a 4 pixel #808155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808155; -webkit-box-shadow:4px 4px  
4px 4px #808155; box-shadow:4px 4px 4px  
4px #808155 }
```

Background

The CSS property to change the background color of an element to Hex 808155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808155 }
```

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

```
.background{ background-color:#808155 }
```

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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