

Converting Colors

Hex(807338)

Have a look what the booklet for
Hex(807338) contains.

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Color

Hex(807338)

Conversions

Conversions Part 1

Format	Color
Hex	807338
RGB	128, 115, 56
RGB Percent	50%, 45%, 22%
CMY	0.4980, 0.5490, 0.7804
CMYK	0.00, 0.10, 0.56, 0.50
HSL	49°, 39%, 36%
HSV	49°, 56%, 50%
XYZ	15.7466, 17.1362, 6.2191
YIQ	112.1610, 26.6870, -15.5930

Conversions

Conversions Part 2

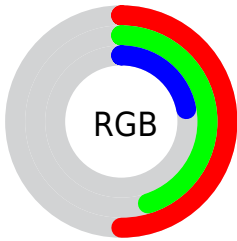
Format	Color
RYB	72, 128, 56
Decimal	8418104
CIELab	48.43, -3.11, 34.07
CIELCh	48, 34.207, 95.214
Yxy	17.1362, 0.4027, 0.4382
Android (android.graphics.Color)	4286608184 (0xFF807338)
YUV	112.1610, -27.6874, 13.8908
Hunter-Lab	41.3959, -4.5429, 20.0698

Details

The Hex color **807338** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **384580**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B7A769**, and **4C4308** is the 20% darker color. If you saturate the color by 10%, you get **80712B**, and if you desaturate by 10%, it is **807545**.

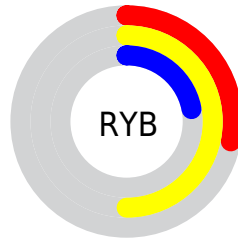
Distribution



Red (50%)

Green (45%)

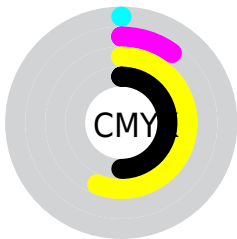
Blue (22%)



Red (28%)

Yellow (50%)

Blue (22%)

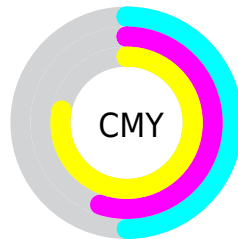


Cyan (0%)

Magenta (10%)

Yellow (56%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807338 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 807338 by changing the saturation by 10% instead.



807338



807338

FFFFFF



665B21



B7A769



4C4308



D3C282



352D00



F0DE9D



1C1900



FFFAB8



000000



FFFFD4



FFFFF0



807338



807338



80712B



807545

■ 806E1E

■ 807852

■ 806C12

■ 807A5E

■ 806A05

■ 807C6B

■ 806900

■ 807F78

■ 808185

■ 808392

■ 80859E

■ 8088AB

Harmonies

Analogous

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



98693F



807338



617B42

Triad

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



807338



008193



9B5F8C

Complementary

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



807338



384580

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.



7C6AA2



807338



007CA7

Square

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



807338



008277



4D74AC



A95B6F

Rectangle

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



807338



4A7F51



4D74AC



936294

Sweetspot

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



807338



A6A18A



803845



545143



D4D4D4



545454

Same Dimension

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



807338



A69135



698038



403F39



806800



000000

Inverse Universe

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



384580



3549A6



4F3880



393B40



001780



000000

Previews

White Background



This preview shows how the Hex color 807338 looks on a white background.

Color Contrast Check

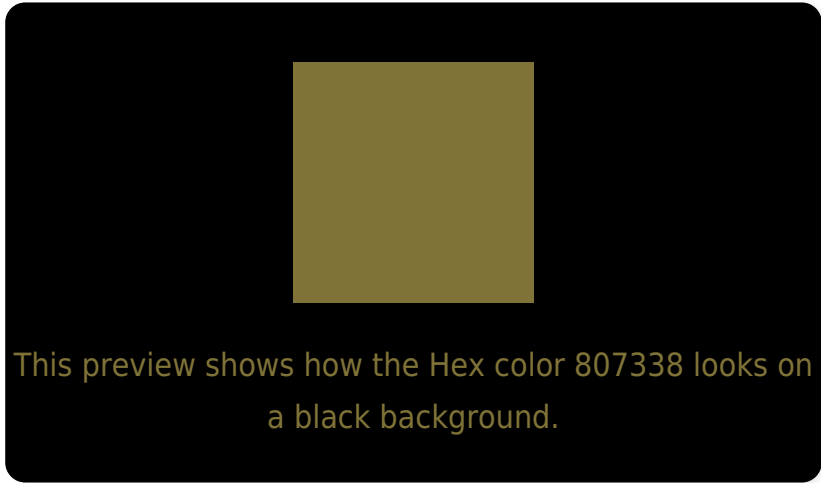
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

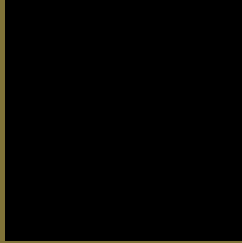
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 807338 Background



This preview shows how black text looks on a background with the Hex color 807338.



This preview shows how white text looks on a background with the Hex color 807338.

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
807338

Protanopia
7F7338

Deuteranopia
8E6E39



Tritanopia
866C75

Trichromacy



Original Color
807338

Protanomaly
7F7338

Deuteranomaly
897039

Tritanomaly
846F5F

Monochromacy



Original Color
807338

Achromatopsia
707070

Achromatomaly
76715C

CSS Examples

Text

The CSS property to change the color of the text to Hex 807338 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 #807338 looks like.

```
.text, #text, p{  
    color:#807338  
}
```

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 #807338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807338
}
```

Border

The CSS property to change the border of an element to Hex 807338 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
#807338 }
```

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

```
.border{ border-color:#807338 }
```

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

Here you see how a box with a 4 pixel #807338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807338; -webkit-box-shadow:4px 4px  
4px 4px #807338; box-shadow:4px 4px 4px  
4px #807338 }
```

Background

The CSS property to change the background color of an element to Hex 807338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807338 }
```

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

```
.background{ background-color:#807338 }
```

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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