

Converting Colors

Hex(798371)

Have a look what the booklet for
Hex(798371) contains.

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Color

Hex(798371)

Conversions

Conversions Part 1

Format	Color
Hex	798371
RGB	121, 131, 113
RGB Percent	47%, 51%, 44%
CMY	0.5255, 0.4863, 0.5569
CMYK	0.08, 0.00, 0.14, 0.49
HSL	93°, 7%, 48%
HSV	93°, 14%, 51%
XYZ	18.9821, 21.4898, 18.7703
YIQ	125.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

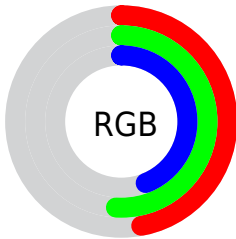
Format	Color
R_{YB}	113, 131, 123
Decimal	7963505
CIE _{Lab}	53.48, -7.23, 8.49
CIE _{LCh}	53, 11.146, 130.421
Yxy	21.4898, 0.3204, 0.3627
Android (android.graphics.Color)	4286153585 (0xFF798371)
YUV	125.9580, -6.3883, -4.3482
Hunter-Lab	46.3571, -8.0335, 8.4431

Details

The Hex color **798371** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B7183**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADB8A5**, and **485241** is the 20% darker color. If you saturate the color by 10%, you get **728364**, and if you desaturate by 10%, it is **80837E**.

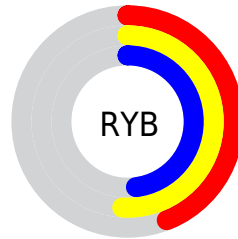
Distribution



Red (47%)

Green (51%)

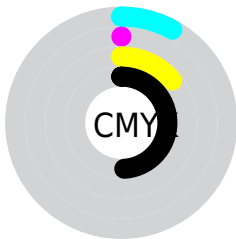
Blue (44%)



Red (44%)

Yellow (51%)

Blue (48%)

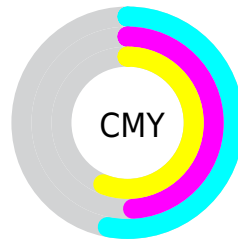


Cyan (8%)

Magenta (0%)

Yellow (14%)

Black (49%)



Cyan (53%)

Magenta (49%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798371 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 798371 by changing the saturation by 10% instead.

 798371

 798371

FFFFFF

 606A59

 ADB8A5

 485241

 C9D4C0

 323B2B

 E5F0DC

 1D2517

 FFFFF8

 011000

 000000

 798371

 798371

 728364

 80837E

 6A8357

 88838B

63834A

8F8398

5C833D

9683A5

55832F

9D83B3

4D8322

A583C0

468315

AC83CD

3F8308

B383DA

3A8300

BA83E7

Harmonies

Analogous

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



84806D



798371



6F8579

Triad

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



798371



6E8292



94797D

Complementary

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



798371



7B7183

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.



8F7A86



798371



7A7F92

Square

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



798371



68858C



867C8E



937A74

Rectangle

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



798371



6A8580



867C8E



937980

Sweetspot

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



798371



A7ABA4



837B71



545752



D6D6D6



575757

Same Dimension

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



798371



9CAB90



718372



3F423C



3A8200



010300

Inverse Universe

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



7B7183



9F90AB



837182



3F3C42



480082



010003

Previews

White Background



This preview shows how the Hex color 798371 looks on a white background.

Color Contrast Check

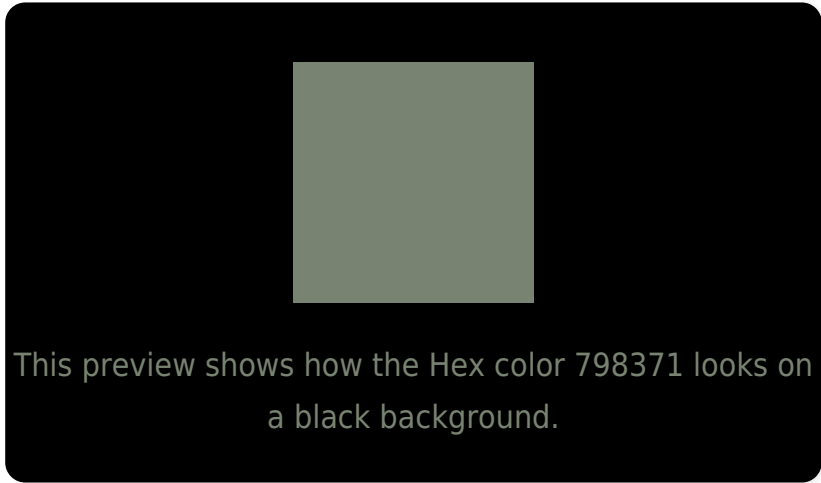
Large Text (above 18pt) WCAG AA ✓ Pass

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

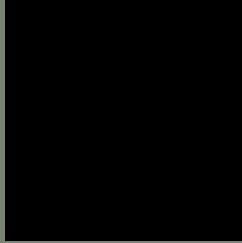
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

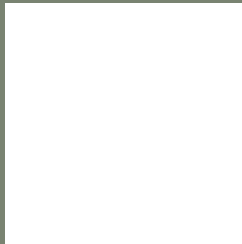
Any Text WCAG AAA × Fail

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

Hex 798371 Background



This preview shows how black text looks on a background with the Hex color 798371.



This preview shows how white text looks on a background with the Hex color 798371.

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
798371

Protanopia
867F6F

Deuteranopia
917B73



Tritanopia
7D7F8A

Trichromacy



Original Color
798371

Protanomaly
818070

Deuteranomaly
887E72

Tritanomaly
7C8081

Monochromacy



Original Color
798371

Achromatopsia
7E7E7E

Achromatomaly
7C8079

CSS Examples

Text

The CSS property to change the color of the text to Hex 798371 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 #798371 looks like.

```
.text, #text, p{  
    color:#798371  
}
```

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 #798371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798371
}
```

Border

The CSS property to change the border of an element to Hex 798371 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
#798371 }
```

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

```
.border{ border-color:#798371 }
```

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

Here you see how a box with a 4 pixel #798371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798371; -webkit-box-shadow:4px 4px  
4px 4px #798371; box-shadow:4px 4px 4px  
4px #798371 }
```

Background

The CSS property to change the background color of an element to Hex 798371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798371 }
```

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

```
.background{ background-color:#798371 }
```

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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