

Converting Colors

Hex(7F9856)

Have a look what the booklet for
Hex(7F9856) contains.

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Color

Hex(7F9856)

Conversions

Conversions Part 1

Format	Color
Hex	7F9856
RGB	127, 152, 86
RGB Percent	50%, 60%, 34%
CMY	0.5020, 0.4039, 0.6627
CMYK	0.16, 0.00, 0.43, 0.40
HSL	83°, 28%, 47%
HSV	83°, 43%, 60%
XYZ	21.6603, 27.6404, 12.9976
YIQ	137.0010, 6.2860, -25.8260

Conversions

Conversions Part 2

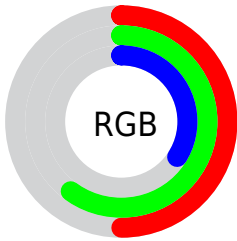
Format	Color
R_{YB}	86, 152, 111
Decimal	8362070
CIE _{Lab}	59.56, -20.29, 31.80
CIE _{LCh}	60, 37.727, 122.541
Yxy	27.6404, 0.3477, 0.4437
Android (android.graphics.Color)	4286552150 (0xFF7F9856)
YUV	137.0010, -25.1435, -8.7709
Hunter-Lab	52.5741, -18.4634, 22.1440

Details

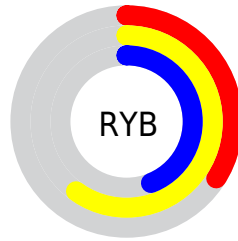
The Hex color **7F9856** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6F5698**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B5CE89**, and **4C6526** is the 20% darker color. If you saturate the color by 10%, you get **799847**, and if you desaturate by 10%, it is **859865**.

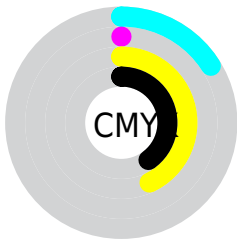
Distribution



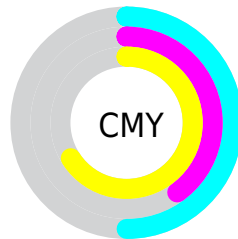
- Red (50%)
- Green (60%)
- Blue (34%)



- Red (34%)
- Yellow (60%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9856 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 7F9856 by changing the saturation by 10% instead.



7F9856



7F9856

FFFFFF



657E3E



B5CE89



4C6526



D1EBA3



344D0F



EDFFBF



1E3600



FFFFDB



002100



FFFFFF8



000000



7F9856



7F9856



799847



859865



739838



8B9874

■ 6E9828

■ 909884

■ 689819

■ 969893

■ 62980A

■ 9C98A2

■ 5E9800

■ A298B1

■ A798C0

■ AD98D0

■ B398DF

Harmonies

Analogous

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



A28E4C



7F9856



569E70

Triad

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



7F9856



009BCA



CD758E

Complementary

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



7F9856



6F5698

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.



BB7AAF



7F9856



6092D1

Square

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



7F9856



00A0B2



9686C7



CD786D

Rectangle

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



7F9856



32A086



9686C7



C97699

Sweetspot

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



7F9856



BBC4AB



986E56



5D6354



E3E3E3



636363

Same Dimension

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



7F9856



9EC45E



5F9856



4A4D45



578C00



080D00

Inverse Universe

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



6F5698



855EC4



8F5698



48454D



35008C



05000D

Previews

White Background



This preview shows how the Hex color 7F9856 looks on a white background.

Color Contrast Check

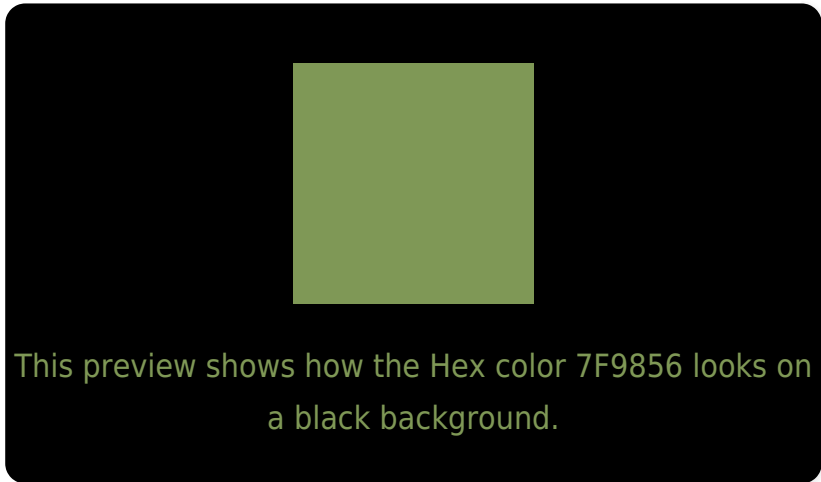
Large Text (above 18pt) WCAG AA ✓ Pass

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

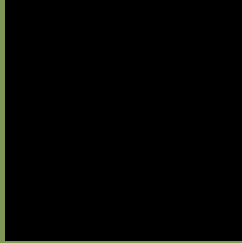
Any Text WCAG AA ✓ Pass

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 7F9856 Background



This preview shows how black text looks on a background with the Hex color 7F9856.



This preview shows how white text looks on a background with the Hex color 7F9856.

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
7F9856

Protanopia
9D8F53

Deuteranopia
AD895A



Tritanopia
88909B

Trichromacy



Original Color
7F9856

Protanomaly
929254

Deuteranomaly
9C8E59

Tritanomaly
859382

Monochromacy



Original Color
7F9856

Achromatopsia
898989

Achromatomaly
858E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9856 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 #7F9856 looks like.

```
.text, #text, p{  
    color:#7F9856  
}
```

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 #7F9856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9856
}
```

Border

The CSS property to change the border of an element to Hex 7F9856 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
#7F9856 }
```

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

```
.border{ border-color:#7F9856 }
```

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

Here you see how a box with a 4 pixel #7F9856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9856; -webkit-box-shadow:4px 4px  
4px 4px #7F9856; box-shadow:4px 4px 4px  
4px #7F9856 }
```

Background

The CSS property to change the background color of an element to Hex 7F9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9856 }
```

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

```
.background{ background-color:#7F9856 }
```

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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