

Converting Colors

Hex(798135)

Have a look what the booklet for
Hex(798135) contains.

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Color

Hex(798135)

Conversions

Conversions Part 1

Format	Color
Hex	798135
RGB	121, 129, 53
RGB Percent	47%, 51%, 21%
CMY	0.5255, 0.4941, 0.7922
CMYK	0.06, 0.00, 0.59, 0.49
HSL	66°, 42%, 36%
HSV	66°, 59%, 51%
XYZ	16.3780, 20.0225, 6.3697
YIQ	117.9440, 19.6280, -25.3320

Conversions

Conversions Part 2

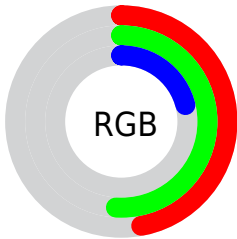
Format	Color
RYB	53, 129, 61
Decimal	7962933
CIELab	51.86, -14.28, 39.37
CIELCh	52, 41.874, 109.935
Yxy	20.0225, 0.3829, 0.4681
Android (android.graphics.Color)	4286153013 (0xFF798135)
YUV	117.9440, -32.0174, 2.6801
Hunter-Lab	44.7465, -12.9722, 22.8826

Details

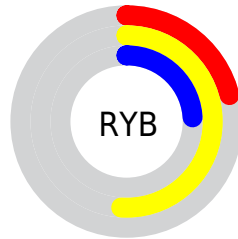
The Hex color **798135** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3D3581**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AFB667**, and **465001** is the 20% darker color. If you saturate the color by 10%, you get **788128**, and if you desaturate by 10%, it is **7A8142**.

Distribution



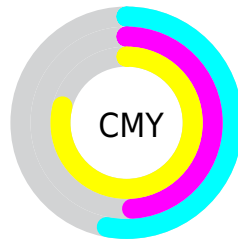
- Red (47%)
- Green (51%)
- Blue (21%)



- Red (21%)
- Yellow (51%)
- Blue (24%)



- Cyan (6%)
- Magenta (0%)
- Yellow (59%)
- Black (49%)



- Cyan (53%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798135 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 798135 by changing the saturation by 10% instead.

 798135

 798135

FFFFFF

 5F681C

 AFB667

 465001

 CBD180

 2F3900

 E8EE9B

 162400

 FFFFB6

 000D00

 FFFFD2

 000000

 FFFFEF

 798135

 798135

 788128

 7A8142

■ 76811B

■ 7C814F

■ 75810E

■ 7D815C

■ 748101

■ 7E8169

■ 738100

■ 808176

■ 818182

■ 83818F

■ 84819C

■ 8581A9

Harmonies

Analogous

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



9B7533



798135



4F894C

Triad

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



798135



008BB2



B85E89

Complementary

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



798135



3D3581

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.



9C69AA



798135



0083C2

Square

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



798135



008E93



6A77BF



BF5E65

Rectangle

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



798135



258C62



6A77BF



B16195

Sweetspot

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



798135



A5A88A



813D35



525442



D4D4D4



545454

Same Dimension

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



798135



9CA831



538135



3F4039



728000



000000

Inverse Universe

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



3D3581



3D31A8



633581



3A3940



0D0080



000000

Previews

White Background



This preview shows how the Hex color 798135 looks on a white background.

Color Contrast Check

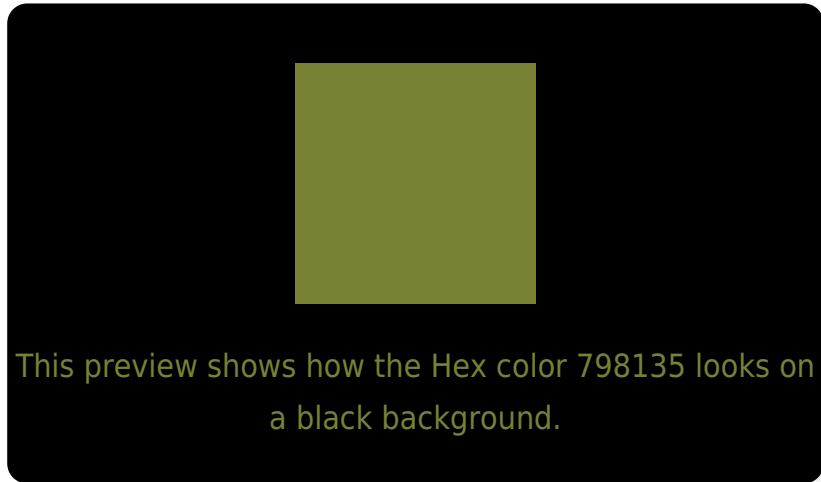
Large Text (above 18pt) WCAG AA ✓ Pass

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

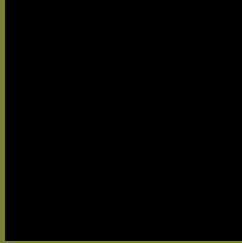
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

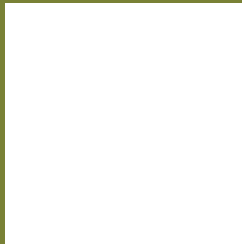
Any Text WCAG AAA × Fail

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

Hex 798135 Background



This preview shows how black text looks on a background with the Hex color 798135.



This preview shows how white text looks on a background with the Hex color 798135.

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
798135

Protanopia
8A7C33

Deuteranopia
997638



Tritanopia
817983

Trichromacy



Original Color
798135

Protanomaly
847E34

Deuteranomaly
8D7A37

Tritanomaly
7E7C67

Monochromacy



Original Color
798135

Achromatopsia
767676

Achromatomaly
777A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 798135 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 #798135 looks like.

```
.text, #text, p{  
    color:#798135  
}
```

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 #798135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798135
}
```

Border

The CSS property to change the border of an element to Hex 798135 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
#798135 }
```

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

```
.border{ border-color:#798135 }
```

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

Here you see how a box with a 4 pixel #798135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798135; -webkit-box-shadow:4px 4px  
4px 4px #798135; box-shadow:4px 4px 4px  
4px #798135 }
```

Background

The CSS property to change the background color of an element to Hex 798135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798135 }
```

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

```
.background{ background-color:#798135 }
```

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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