

Converting Colors

Hex(787E1B)

Have a look what the booklet for
Hex(787E1B) contains.

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Color

Hex(787E1B)

Conversions

Conversions Part 1

Format	Color
Hex	787E1B
RGB	120, 126, 27
RGB Percent	47%, 49%, 11%
CMY	0.5294, 0.5059, 0.8941
CMYK	0.05, 0.00, 0.79, 0.51
HSL	64°, 65%, 30%
HSV	64°, 79%, 49%
XYZ	15.4044, 18.9939, 3.8912
YIQ	112.9200, 28.2030, -32.0610

Conversions

Conversions Part 2

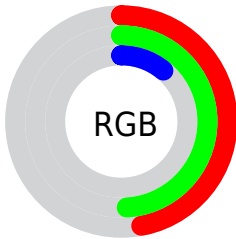
Format	Color
R_{YB}	27, 126, 33
Decimal	7896603
CIE _{Lab}	50.68, -14.81, 49.09
CIE _{LCh}	51, 51.272, 106.784
Yxy	18.9939, 0.4023, 0.4961
Android (android.graphics.Color)	4286086683 (0xFF787E1B)
YUV	112.9200, -42.3586, 6.2092
Hunter-Lab	43.5820, -13.1762, 25.2137

Details

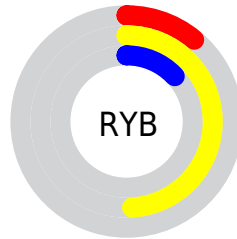
The Hex color **787E1B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **211B7E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AFB350**, and **444D00** is the 20% darker color. If you saturate the color by 10%, you get **777E0E**, and if you desaturate by 10%, it is **797E28**.

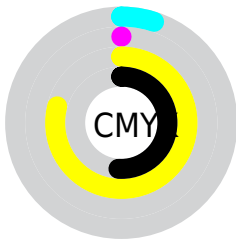
Distribution



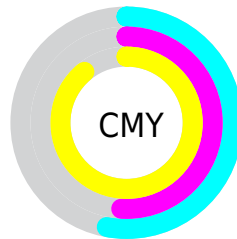
- Red (47%)
- Green (49%)
- Blue (11%)



- Red (11%)
- Yellow (49%)
- Blue (13%)



- Cyan (5%)
- Magenta (0%)
- Yellow (79%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787E1B 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 787E1B by changing the saturation by 10% instead.



787E1B



787E1B

FFFFFF



5E6500



AFB350



444D00



CBCE6A



2B3700



E8EA84



122100



FFFF9F



000500



FFFFBB



000000



FFFFD7



FFFFF4



787E1B



787E1B

■ 777E0E

■ 797E28

■ 767E02

■ 7A7E34

■ 767E00

■ 7A7E41

■ 7B7E4D

■ 7C7E5A

■ 7D7E67

■ 7D7E73

■ 7E7E80

■ 7F7E8C

Harmonies

Analogous

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



9F701D



787E1B



458739

Triad

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



787E1B



008BB8



BE528E

Complementary

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



787E1B



211B7E

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.



9A62B5



787E1B



0083CE

Square

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



787E1B



008E91



5475CD



C85062

Rectangle

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



787E1B



008B54



5475CD



B5579C

Sweetspot

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



787E1B



A1A37C



7E201B



50523A



D1D1D1



525252

Same Dimension

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



787E1B



9AA30A



487E1B



3F4039



788000



000000

Inverse Universe

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



211B7E



130AA3



511B7E



3A3940



080080



000000

Previews

White Background



This preview shows how the Hex color 787E1B 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 787E1B Background



This preview shows how black text looks on a background with the Hex color 787E1B.



This preview shows how white text looks on a background with the Hex color 787E1B.

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
787E1B

Protanopia
88791A

Deuteranopia
977221



Tritanopia
81757F

Trichromacy



Original Color
787E1B

Protanomaly
827B1A

Deuteranomaly
8C761F

Tritanomaly
7E785B

Monochromacy



Original Color
787E1B

Achromatopsia
717171

Achromatomaly
747652

CSS Examples

Text

The CSS property to change the color of the text to Hex 787E1B 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 #787E1B looks like.

```
.text, #text, p{  
    color:#787E1B  
}
```

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 #787E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787E1B
}
```

Border

The CSS property to change the border of an element to Hex 787E1B 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
#787E1B }
```

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

```
.border{ border-color:#787E1B }
```

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

Here you see how a box with a 4 pixel #787E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787E1B; -webkit-box-shadow:4px 4px  
4px 4px #787E1B; box-shadow:4px 4px 4px  
4px #787E1B }
```

Background

The CSS property to change the background color of an element to Hex 787E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787E1B }
```

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

```
.background{ background-color:#787E1B }
```

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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