

Converting Colors

Hex(787D2E)

Have a look what the booklet for
Hex(787D2E) contains.

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Color

Hex(787D2E)

Conversions

Conversions Part 1

Format	Color
Hex	787D2E
RGB	120, 125, 46
RGB Percent	47%, 49%, 18%
CMY	0.5294, 0.5098, 0.8196
CMYK	0.04, 0.00, 0.63, 0.51
HSL	64°, 46%, 34%
HSV	64°, 63%, 49%
XYZ	15.5725, 18.8576, 5.4039
YIQ	114.4990, 22.3790, -25.6290

Conversions

Conversions Part 2

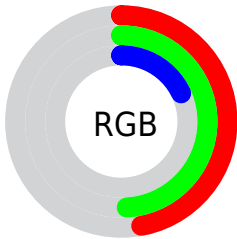
Format	Color
R_{YB}	46, 125, 51
Decimal	7896366
CIE Lab	50.52, -13.13, 41.19
CIE LCh	51, 43.233, 107.678
Yxy	18.8576, 0.3909, 0.4734
Android (android.graphics.Color)	4286086446 (0xFF787D2E)
YUV	114.4990, -33.7700, 4.8244
Hunter-Lab	43.4253, -11.9834, 23.0196

Details

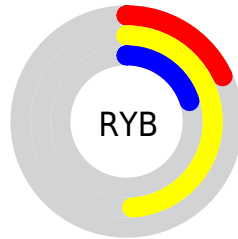
The Hex color **787D2E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **332E7D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AEB160**, and **454C00** is the 20% darker color. If you saturate the color by 10%, you get **777D22**, and if you desaturate by 10%, it is **797D3B**.

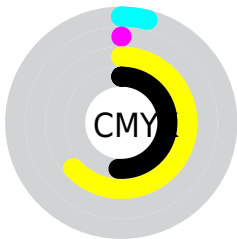
Distribution



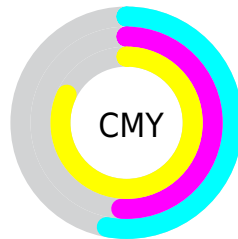
- Red (47%)
- Green (49%)
- Blue (18%)



- Red (18%)
- Yellow (49%)
- Blue (20%)



- Cyan (4%)
- Magenta (0%)
- Yellow (63%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787D2E 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 787D2E by changing the saturation by 10% instead.

 787D2E

 787D2E

FFFFFF

 5E6414

 AEB160

 454C00

 CACD79

 2D3600

 E7E994

 142000

 FFFFAF

 000400

 FFFFCB

 000000

 FFFFE7

 787D2E

 787D2E

 777D22

 797D3B

■ 767D15

■ 7A7D47

■ 767D08

■ 7A7D53

■ 757D00

■ 7B7D60

■ 7C7D6D

■ 7D7D79

■ 7E7D86

■ 7E7D92

■ 7F7D9F

Harmonies

Analogous

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



9A712E



787D2E



4D8545

Triad

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



787D2E



0088AE



B45A89

Complementary

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



787D2E



332E7D

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.



9666AA



787D2E



0081C0

Square

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



787D2E



008B8D



6075BE



BD5964

Rectangle

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



787D2E



22895B



6075BE



AD5D95

Sweetspot

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



787D2E



A1A384



7D322E



50523F



D1D1D1



525252

Same Dimension

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



787D2E



9BA327



527D2E



3F4039



778000



000000

Inverse Universe

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



332E7D



2F27A3



592E7D



3A3940



080080



000000

Previews

White Background



This preview shows how the Hex color 787D2E looks on a white background.

Color Contrast Check

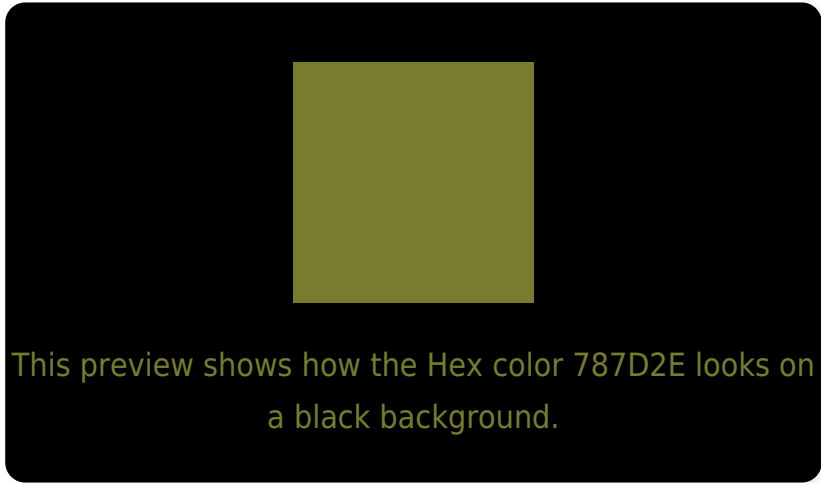
Large Text (above 18pt) WCAG AA ✓ Pass

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

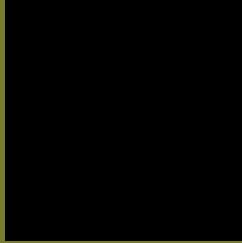
Any Text WCAG AA ✓ Pass

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 787D2E Background



This preview shows how black text looks on a background with the Hex color 787D2E.



This preview shows how white text looks on a background with the Hex color 787D2E.

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
787D2E

Protanopia
86782D

Deuteranopia
957231



Tritanopia
80757E

Trichromacy



Original Color
787D2E

Protanomaly
817A2D

Deuteranomaly
8A7630

Tritanomaly
7D7861

Monochromacy



Original Color
787D2E

Achromatopsia
727272

Achromatomaly
747659

CSS Examples

Text

The CSS property to change the color of the text to Hex 787D2E 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 #787D2E looks like.

```
.text, #text, p{  
    color:#787D2E  
}
```

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 #787D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787D2E
}
```

Border

The CSS property to change the border of an element to Hex 787D2E 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
#787D2E }
```

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

```
.border{ border-color:#787D2E }
```

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

Here you see how a box with a 4 pixel #787D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787D2E; -webkit-box-shadow:4px 4px  
4px 4px #787D2E; box-shadow:4px 4px 4px  
4px #787D2E }
```

Background

The CSS property to change the background color of an element to Hex 787D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787D2E }
```

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

```
.background{ background-color:#787D2E }
```

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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