

Converting Colors

Hex(787D45)

Have a look what the booklet for
Hex(787D45) contains.

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Color

Hex(787D45)

Conversions

Conversions Part 1

Format	Color
Hex	787D45
RGB	120, 125, 69
RGB Percent	47%, 49%, 27%
CMY	0.5294, 0.5098, 0.7294
CMYK	0.04, 0.00, 0.45, 0.51
HSL	65°, 29%, 38%
HSV	65°, 45%, 49%
XYZ	16.1535, 19.0900, 8.4636
YIQ	117.1210, 14.9960, -18.4760

Conversions

Conversions Part 2

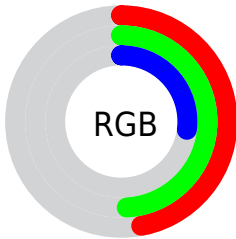
Format	Color
RYB	69, 125, 74
Decimal	7896389
CIELab	50.79, -10.94, 29.80
CIELCh	51, 31.749, 110.157
Yxy	19.0900, 0.3696, 0.4368
Android (android.graphics.Color)	4286086469 (0xFF787D45)
YUV	117.1210, -23.7237, 2.5249
Hunter-Lab	43.6921, -10.4674, 19.0994

Details

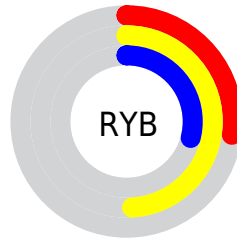
The Hex color **787D45** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A457D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **ADB276**, and **464C17** is the 20% darker color. If you saturate the color by 10%, you get **777D38**, and if you desaturate by 10%, it is **797D51**.

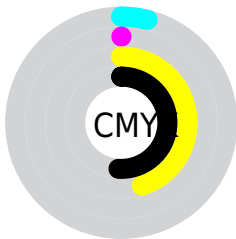
Distribution



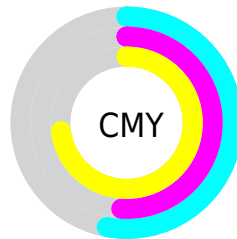
- Red (47%)
- Green (49%)
- Blue (27%)



- Red (27%)
- Yellow (49%)
- Blue (29%)



- Cyan (4%)
- Magenta (0%)
- Yellow (45%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787D45 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 787D45 by changing the saturation by 10% instead.



787D45



787D45

FFFFFF



5F642E



ADB276



464C17



C9CD90



2F3600



E5E9AB



182000



FFFFC7



000500



FFFFE3



000000



787D45



787D45



777D38



797D51



767D2C



7A7D5E

 757D1F

 7B7D6A

 747D13

 7C7D77


 727D06

 7E7D84

 727D00

 7F7D90

 807D9C

 817DA9

 827DB5

Harmonies

Analogous

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



927443



787D45



598355

Triad

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



787D45



0084A2



A76483

Complementary

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



787D45



4A457D

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.



926B9C



787D45



3E7EAE

Square

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



787D45



00878B



6E75AC



AD6468

Rectangle

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



787D45



418666



6E75AC



A2668C

Sweetspot

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



787D45



A1A38E



7D4A45



505245



D1D1D1



525252

Same Dimension

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



787D45



9BA34B



5C7D45



3F4039



748000



000000

Inverse Universe

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



4A457D



534BA3



66457D



3A3940



0B0080



000000

Previews

White Background



This preview shows how the Hex color 787D45 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

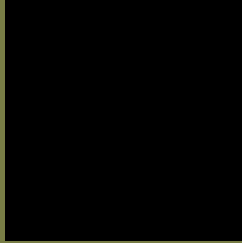
Any Text WCAG AA ✓ Pass

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 787D45 Background



This preview shows how black text looks on a background with the Hex color 787D45.



This preview shows how white text looks on a background with the Hex color 787D45.

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
787D45

Protanopia
857944

Deuteranopia
937347



Tritanopia
7F7680

Trichromacy



Original Color
787D45

Protanomaly
807A44

Deuteranomaly
897746

Tritanomaly
7C796B

Monochromacy



Original Color
787D45

Achromatopsia
757575

Achromatomaly
767864

CSS Examples

Text

The CSS property to change the color of the text to Hex 787D45 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 #787D45 looks like.

```
.text, #text, p{  
    color:#787D45  
}
```

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 #787D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787D45
}
```

Border

The CSS property to change the border of an element to Hex 787D45 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
#787D45 }
```

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

```
.border{ border-color:#787D45 }
```

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

Here you see how a box with a 4 pixel #787D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787D45; -webkit-box-shadow:4px 4px  
4px 4px #787D45; box-shadow:4px 4px 4px  
4px #787D45 }
```

Background

The CSS property to change the background color of an element to Hex 787D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787D45 }
```

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

```
.background{ background-color:#787D45 }
```

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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