

Converting Colors

Hex(87882D)

Have a look what the booklet for
Hex(87882D) contains.

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Color

Hex(87882D)

Conversions

Conversions Part 1

Format	Color
Hex	87882D
RGB	135, 136, 45
RGB Percent	53%, 53%, 18%
CMY	0.4706, 0.4667, 0.8235
CMYK	0.01, 0.00, 0.67, 0.47
HSL	61°, 50%, 35%
HSV	61°, 67%, 53%
XYZ	19.2695, 22.9487, 5.8966
YIQ	125.3270, 28.6150, -28.5130

Conversions

Conversions Part 2

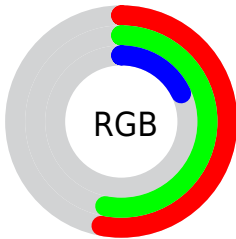
Format	Color
R_{YB}	45, 136, 46
Decimal	8882221
CIE _{Lab}	55.02, -12.39, 46.78
CIE _{LCh}	55, 48.393, 104.833
Yxy	22.9487, 0.4005, 0.4770
Android (android.graphics.Color)	4287072301 (0xFF87882D)
YUV	125.3270, -39.6012, 8.4832
Hunter-Lab	47.9048, -12.0325, 26.2354

Details

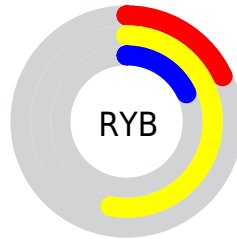
The Hex color **87882D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E2D88**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BFBD60**, and **525600** is the 20% darker color. If you saturate the color by 10%, you get **87881F**, and if you desaturate by 10%, it is **87883B**.

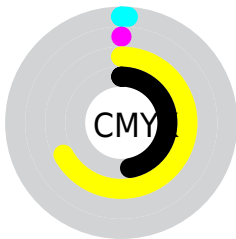
Distribution



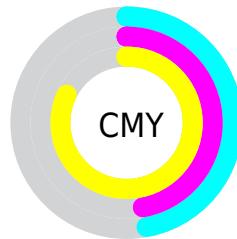
- Red (53%)
- Green (53%)
- Blue (18%)



- Red (18%)
- Yellow (53%)
- Blue (18%)



- Cyan (1%)
- Magenta (0%)
- Yellow (67%)
- Black (47%)



- Cyan (47%)
- Magenta (47%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87882D 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 87882D by changing the saturation by 10% instead.

 87882D

 87882D

FFFFFF

 6C6F11

 BFBD60

 525600

 DBD97A

 393F00

 F8F595

 202A00

 FFFF80

 001600

 FFFFCC

 000000

 FFFF99

 87882D

 87882D

 87881F

 87883B

 878812

 878848

 878804

 878856

 878800

 888863

 888871

 88887F

 88888C

 88889A

 8888A7

Harmonies

Analogous

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



AD7A30



87882D



589245

Triad

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



87882D



0096BE



C6619B

Complementary

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



87882D



2E2D88

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.



A170C0



87882D



008ED4

Square

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



87882D



009898



5F81D5



D15F71

Rectangle

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



87882D



27965E



5F81D5



BC65A8

Sweetspot

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



87882D



B0B08D



882D2D



595944



D9D9D9



595959

Same Dimension

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



87882D



AEB023



5B882D



45453E



838500



050500

Inverse Universe

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



2E2D88



2523B0



5B2D88



3E3E45



010085



000005

Previews

White Background



This preview shows how the Hex color 87882D looks on a white background.

Color Contrast Check

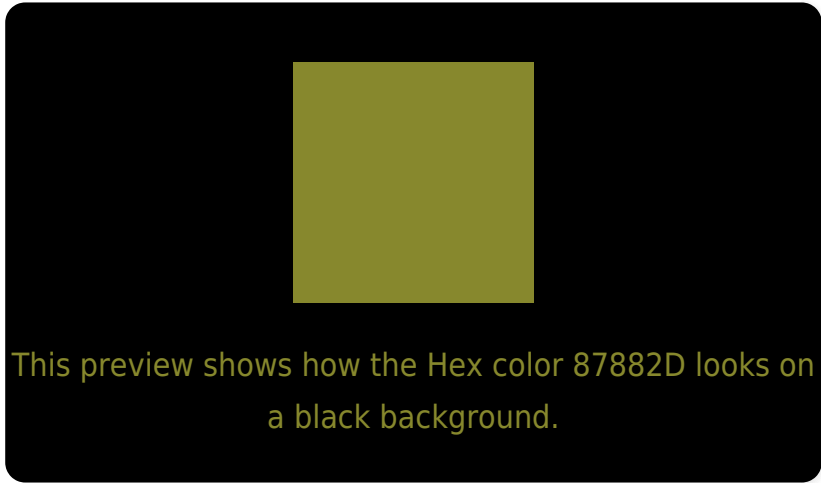
Large Text (above 18pt) WCAG AA ✓ Pass

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

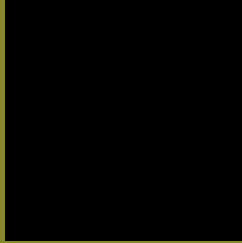
Any Text WCAG AA ✓ Pass

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 87882D Background



This preview shows how black text looks on a background with the Hex color 87882D.



This preview shows how white text looks on a background with the Hex color 87882D.

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
87882D

Protanopia
93842C

Deuteranopia
A47D31



Tritanopia
8F7F89

Trichromacy



Original Color
87882D

Protanomaly
8F852C

Deuteranomaly
998130

Tritanomaly
8C8268

Monochromacy



Original Color
87882D

Achromatopsia
7D7D7D

Achromatomaly
818160

CSS Examples

Text

The CSS property to change the color of the text to Hex 87882D 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 #87882D looks like.

```
.text, #text, p{  
    color:#87882D  
}
```

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 #87882D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87882D
}
```

Border

The CSS property to change the border of an element to Hex 87882D 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
#87882D }
```

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

```
.border{ border-color:#87882D }
```

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

Here you see how a box with a 4 pixel #87882D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87882D; -webkit-box-shadow:4px 4px  
4px 4px #87882D; box-shadow:4px 4px 4px  
4px #87882D }
```

Background

The CSS property to change the background color of an element to Hex 87882D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87882D }
```

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

```
.background{ background-color:#87882D }
```

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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