

Converting Colors

Hex(D87946)

Have a look what the booklet for
Hex(D87946) contains.

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Color

Hex(D87946)

Conversions

Conversions Part 1

Format	Color
Hex	D87946
RGB	216, 121, 70
RGB Percent	85%, 47%, 27%
CMY	0.1529, 0.5255, 0.7255
CMYK	0.00, 0.44, 0.68, 0.15
HSL	21°, 65%, 56%
HSV	21°, 68%, 85%
XYZ	36.2618, 28.7159, 9.4259
YIQ	143.5910, 72.9910, 4.2790

Conversions

Conversions Part 2

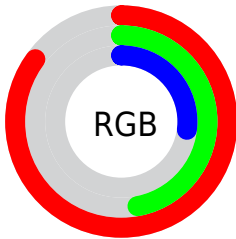
Format	Color
R_{YB}	216, 148, 70
Decimal	14186822
CIE _{Lab}	60.53, 32.77, 43.47
CIE _{LCh}	61, 54.440, 52.994
Yxy	28.7159, 0.4874, 0.3859
Android (android.graphics.Color)	4292376902 (0xFFD87946)
YUV	143.5910, -36.2804, 63.5027
Hunter-Lab	53.5872, 27.0111, 27.0821

Details

The Hex color **D87946** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **46A5D8**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAE78**, and **9C4716** is the 20% darker color. If you saturate the color by 10%, you get **D86B30**, and if you desaturate by 10%, it is **D8875C**.

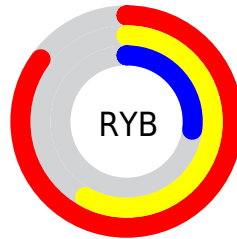
Distribution



Red (85%)

Green (47%)

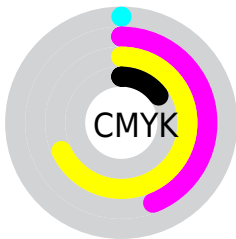
Blue (27%)



Red (85%)

Yellow (58%)

Blue (27%)

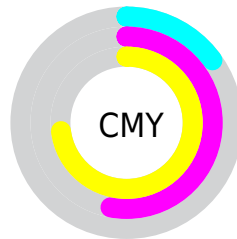


Cyan (0%)

Magenta (44%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87946 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 D87946 by changing the saturation by 10% instead.

 D87946

 D87946

FFFFFF

 BA5F2E

 FFAE78

 9C4716

 FFCA92

 7F2E00

 FFE6AD

 621600

 FFFFC9

 450000

 FFFF E5

 2E0001

 000000

 D87946

 D87946

 D86B30

 D8875C

 D85D1B

 D89571

 D84F05

 D8A387

 D84B00

 D8B19C

 D8BFB2

 D8CDC8

 D8DBDD

 D8E9F3

 D8F7FF

Harmonies

Analogous

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



E9696F



D87946



B68C2C

Triad

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



D87946



00A985



808AEB

Complementary

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



D87946



46A5D8

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.



009BF1



D87946



00A9B6

Square

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



D87946



4BA455



00A5DE



C276CC

Rectangle

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



D87946



98962C



00A5DE



5F90F0

Sweetspot

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



D87946



FFDECC



D846A7



806C61



000000



808080

Same Dimension

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



D87946



FF7930



D8C046



6B6460



AB3C00



2B0F00

Inverse Universe

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



46A5D8



30B7FF



465ED8



60676B



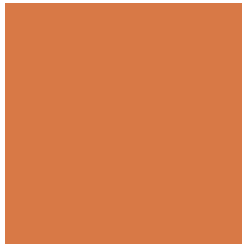
006FAB



001C2B

Previews

White Background



This preview shows how the Hex color D87946 looks on a white background.

Color Contrast Check

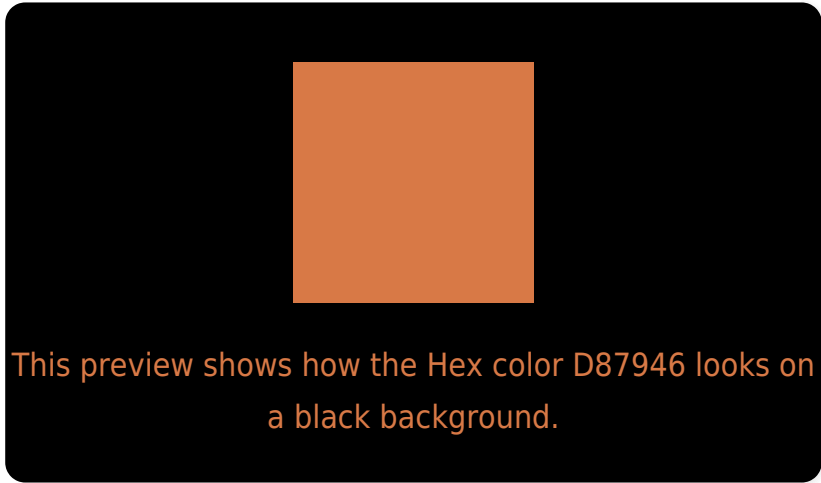
Large Text (above 18pt) WCAG AA ✓ Pass

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 D87946 Background



This preview shows how black text looks on a background with the Hex color D87946.



This preview shows how white text looks on a background with the Hex color D87946.

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
D87946

Protanopia
A1934E

Deuteranopia
B58B42



Tritanopia
DB737B

Trichromacy



Original Color
D87946

Protanomaly
B58A4B

Deuteranomaly
C28443

Tritanomaly
DA7568

Monochromacy



Original Color
D87946

Achromatopsia
909090

Achromatomaly
AA8875

CSS Examples

Text

The CSS property to change the color of the text to Hex D87946 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 #D87946 looks like.

```
.text, #text, p{  
    color:#D87946  
}
```

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 #D87946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87946
}
```

Border

The CSS property to change the border of an element to Hex D87946 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
#D87946 }
```

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

```
.border{ border-color:#D87946 }
```

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

Here you see how a box with a 4 pixel #D87946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87946; -webkit-box-shadow:4px 4px  
4px 4px #D87946; box-shadow:4px 4px 4px  
4px #D87946 }
```

Background

The CSS property to change the background color of an element to Hex D87946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87946 }
```

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

```
.background{ background-color:#D87946 }
```

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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