

Converting Colors

Hex(D78946)

Have a look what the booklet for
Hex(D78946) contains.

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Color

Hex(D78946)

Conversions

Conversions Part 1

Format	Color
Hex	D78946
RGB	215, 137, 70
RGB Percent	84%, 54%, 27%
CMY	0.1569, 0.4627, 0.7255
CMYK	0.00, 0.36, 0.67, 0.16
HSL	28°, 64%, 56%
HSV	28°, 67%, 84%
XYZ	38.0755, 32.7806, 10.1148
YIQ	152.6840, 67.9950, -4.3010

Conversions

Conversions Part 2

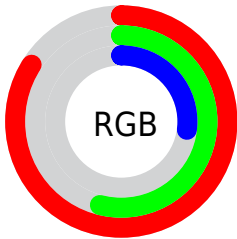
Format	Color
RYB	215, 195, 70
Decimal	14125382
CIELab	63.98, 23.83, 47.32
CIELCh	64, 52.985, 63.269
Yxy	32.7806, 0.4702, 0.4048
Android (android.graphics.Color)	4292315462 (0xFFD78946)
YUV	152.6840, -40.7632, 54.6511
Hunter-Lab	57.2543, 18.5116, 29.6036

Details

The Hex color **D78946** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4694D7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBF79**, and **9C5713** is the 20% darker color. If you saturate the color by 10%, you get **D77D31**, and if you desaturate by 10%, it is **D7955C**.

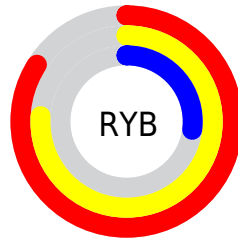
Distribution



Red (84%)

Green (54%)

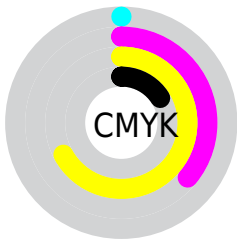
Blue (27%)



Red (84%)

Yellow (76%)

Blue (27%)

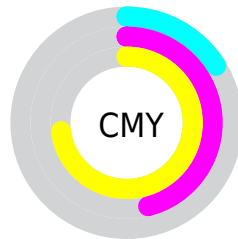


Cyan (0%)

Magenta (36%)

Yellow (67%)

Black (16%)



Cyan (16%)

Magenta (46%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D78946 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 D78946 by changing the saturation by 10% instead.

 D78946

 D78946

FFFFFF

 B96F2D

 FFBF79

 9C5713

 FFDB93

 7F3F00

 FFF7AE

 622800

 FFFFCA

 461200

 FFFFEE

 2D0000

 000000

 D78946

 D78946

 D77D31

 D7955C

 D7721B

 D7A071

 D76605

 D7AC87

 D76300

 D7B79C

 D7C3B2

 D7CEC7

 D7DADD

 D7E6F2

 D7F1FF

Harmonies

Analogous

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



EF786A



D78946



B19A37

Triad

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



D78946



00B29F



A48CEA

Complementary

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



D78946



4694D7

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.



469EF9



D78946



00B1CE

Square

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



D78946



3BAF6F



00ABEF



D97AC6

Rectangle

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



D78946



91A43F



00ABEF



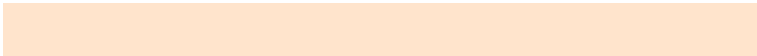
8C93F2

Sweetspot

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



D78946



FFE4CC



D74696



806F61



000000



808080

Same Dimension

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



D78946



FF9030



D7D046



6B6560



AB4F00



2B1400

Inverse Universe

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



4694D7



30A0FF



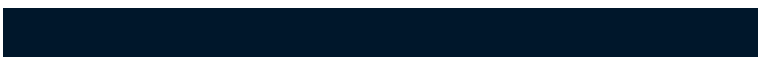
464DD7



60666B



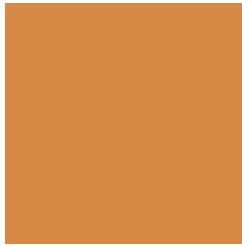
005CAB



00172B

Previews

White Background



This preview shows how the Hex color D78946 looks on a white background.

Color Contrast Check

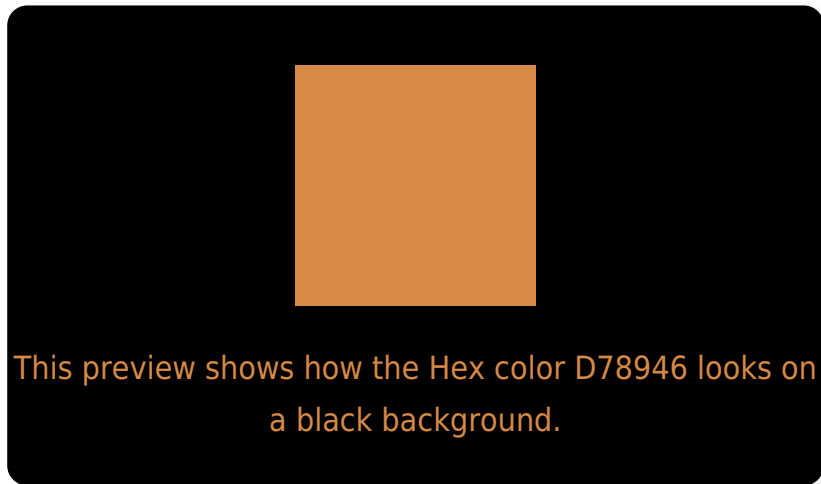
Large Text (above 18pt) WCAG AA × Fail

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

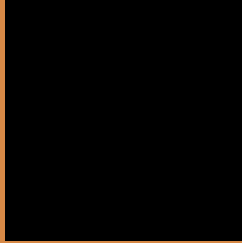
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D78946 Background



This preview shows how black text looks on a background with the Hex color D78946.



This preview shows how white text looks on a background with the Hex color D78946.

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
D78946

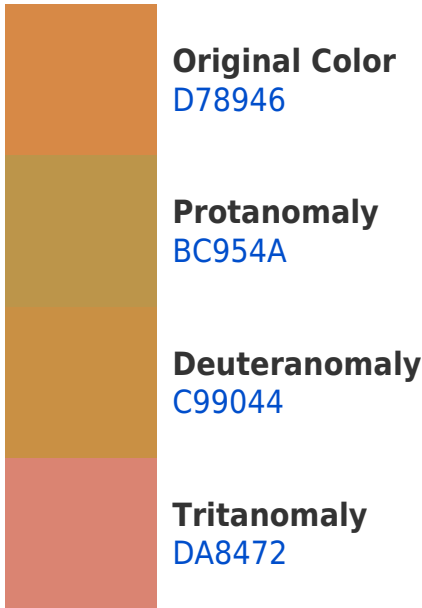
Protanopia
AC9C4C

Deuteranopia
C19443

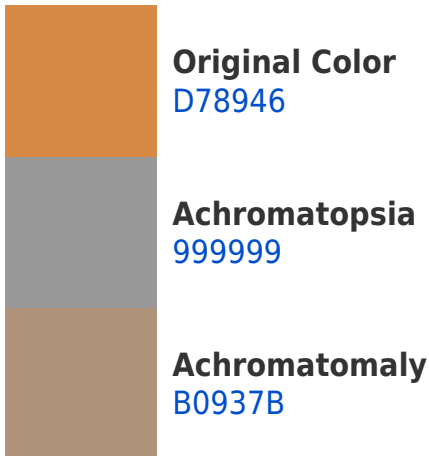


Tritanopia
DB818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D78946 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 #D78946 looks like.

```
.text, #text, p{  
    color:#D78946  
}
```

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 #D78946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78946
}
```

Border

The CSS property to change the border of an element to Hex D78946 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
#D78946 }
```

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

```
.border{ border-color:#D78946 }
```

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

Here you see how a box with a 4 pixel #D78946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78946; -webkit-box-shadow:4px 4px  
4px 4px #D78946; box-shadow:4px 4px 4px  
4px #D78946 }
```

Background

The CSS property to change the background color of an element to Hex D78946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78946 }
```

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

```
.background{ background-color:#D78946 }
```

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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