

Converting Colors

Hex(D88745)

Have a look what the booklet for
Hex(D88745) contains.

Hex(D88745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D88745)

Conversions

Conversions Part 1

Format	Color
Hex	D88745
RGB	216, 135, 69
RGB Percent	85%, 53%, 27%
CMY	0.1529, 0.4706, 0.7294
CMYK	0.00, 0.38, 0.68, 0.15
HSL	27°, 65%, 56%
HSV	27°, 68%, 85%
XYZ	38.0571, 32.3565, 9.8698
YIQ	151.6950, 69.4620, -3.3540

Conversions

Conversions Part 2

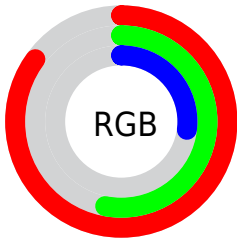
Format	Color
RYB	216, 189, 69
Decimal	14190405
CIELab	63.64, 25.27, 47.46
CIELCh	64, 53.768, 61.972
Yxy	32.3565, 0.4740, 0.4030
Android (android.graphics.Color)	4292380485 (0xFFD88745)
YUV	151.6950, -40.7686, 56.3955
Hunter-Lab	56.8828, 19.8793, 29.5305

Details

The Hex color **D88745** 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 **4596D8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFBD78**, and **9C5512** is the 20% darker color. If you saturate the color by 10%, you get **D87B2F**, and if you desaturate by 10%, it is **D8935B**.

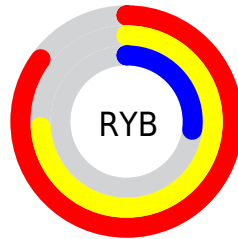
Distribution



Red (85%)

Green (53%)

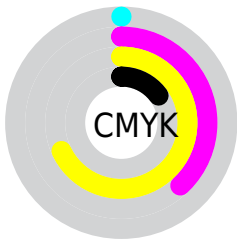
Blue (27%)



Red (85%)

Yellow (74%)

Blue (27%)

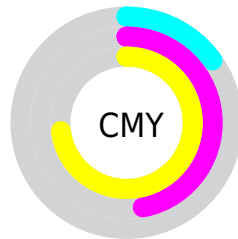


Cyan (0%)

Magenta (38%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (47%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D88745 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 D88745 by changing the saturation by 10% instead.

 D88745

 D88745

FFFFFF

 BA6D2C

 FFBD78

 9C5512

 FFD992

 7F3D00

 FFF5AD

 632600

 FFFFC9

 470F00

 FFFFE6

 2D0000

 000000

 D88745

 D88745

 D87B2F

 D8935B

 D86F1A

 D89F70

 D86304

 D8AB86

 D86100

 D8B79B

 D8C3B1

 D8CEC7

 D8DADC

 D8E6F2

 D8F2FF

Harmonies

Analogous

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



EF766A



D88745



B29934

Triad

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



D88745



00B29C



A08CEC

Complementary

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



D88745



4596D8

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.



3A9EFA



D88745



00B1CC

Square

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



D88745



3CAE6B



00ABEE



D779C8

Rectangle

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



D88745



92A23C



00ABEE



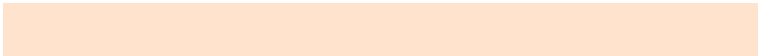
8693F3

Sweetspot

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



D88745



FFE3CC



D84598



806F61



000000



808080

Same Dimension

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



D88745



FF8C2E



D8CE45



6B6560



AB4D00



2B1300

Inverse Universe

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



4596D8



2EA1FF



454FD8



60666B



005EAB



00182B

Previews

White Background



This preview shows how the Hex color D88745 looks on a white background.

Color Contrast Check

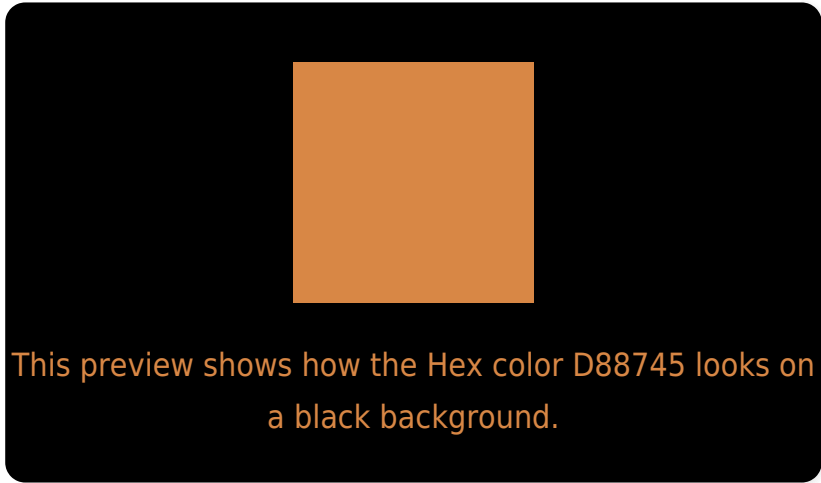
Large Text (above 18pt) WCAG AA × Fail

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

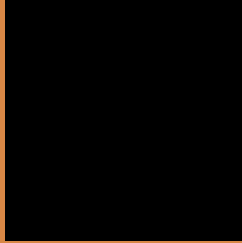
Any Text WCAG AA ✓ Pass

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 D88745 Background



This preview shows how black text looks on a background with the Hex color D88745.



This preview shows how white text looks on a background with the Hex color D88745.

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
D88745

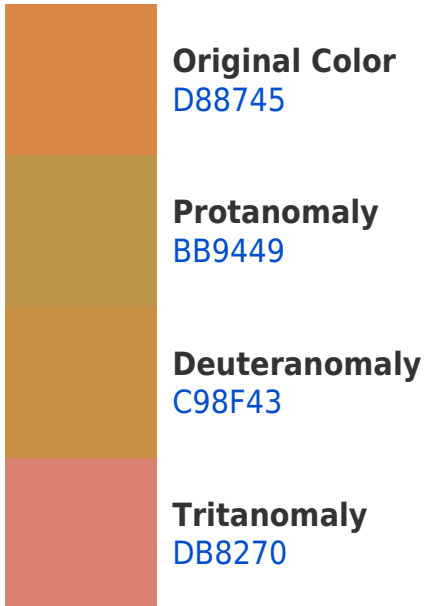
Protanopia
AB9B4B

Deuteranopia
C09342

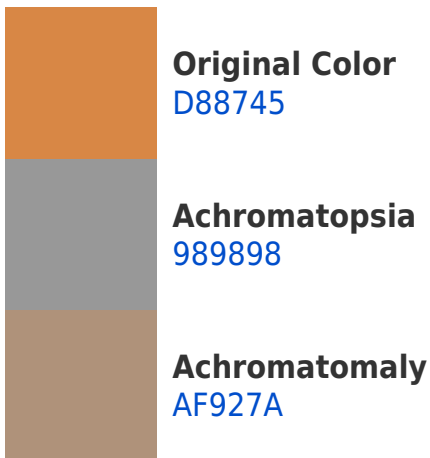


Tritanopia
DC7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D88745 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 #D88745 looks like.

```
.text, #text, p{  
    color:#D88745  
}
```

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 #D88745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D88745
}
```

Border

The CSS property to change the border of an element to Hex D88745 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
#D88745 }
```

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

```
.border{ border-color:#D88745 }
```

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

Here you see how a box with a 4 pixel #D88745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D88745; -webkit-box-shadow:4px 4px  
4px 4px #D88745; box-shadow:4px 4px 4px  
4px #D88745 }
```

Background

The CSS property to change the background color of an element to Hex D88745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D88745 }
```

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

```
.background{ background-color:#D88745 }
```

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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