

Converting Colors

Hex(D88303)

Have a look what the booklet for
Hex(D88303) contains.

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Color

Hex(D88303)

Conversions

Conversions Part 1

Format	Color
Hex	D88303
RGB	216, 131, 3
RGB Percent	85%, 51%, 1%
CMY	0.1529, 0.4863, 0.9882
CMYK	0.00, 0.39, 0.99, 0.15
HSL	36°, 97%, 43%
HSV	36°, 99%, 85%
XYZ	36.4516, 30.8381, 4.1173
YIQ	141.8230, 91.7480, -21.7880

Conversions

Conversions Part 2

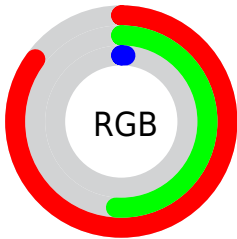
Format	Color
RYB	144, 216, 3
Decimal	14189315
CIELab	62.37, 25.47, 67.99
CIELCh	62, 72.605, 69.468
Yxy	30.8381, 0.5105, 0.4319
Android (android.graphics.Color)	4292379395 (0xFFD88303)
YUV	141.8230, -68.4397, 65.0532
Hunter-Lab	55.5321, 19.9875, 34.4765

Details

The Hex color **D88303** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0358D8**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB848**, and **9B5100** is the 20% darker color. If you saturate the color by 10%, you get **D88200**, and if you desaturate by 10%, it is **D88C19**.

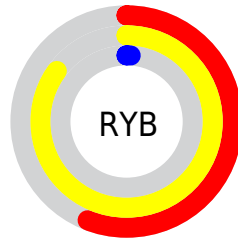
Distribution



Red (85%)

Green (51%)

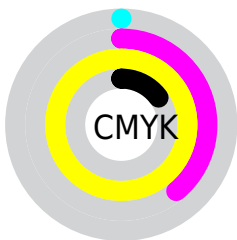
Blue (1%)



Red (56%)

Yellow (85%)

Blue (1%)

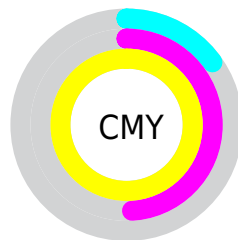


Cyan (0%)

Magenta (39%)

Yellow (99%)

Black (15%)



Cyan (15%)

Magenta (49%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D88303 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 D88303 by changing the saturation by 10% instead.

 D88303

 D88303

FFFFFF

 B96A00

 FFB848

 9B5100

 FFD463

 7D3A00

 FFF07F

 5F2300

 FFFF9A

 440C00

 FFFFB6

 2B0000

 FFFFD3

 000000

 FFFFF0

 D88303

 D88303

 D88200

 D88C19

 D8942E

 D89D44

 D8A559

 D8AE6F

 D8B785

 D8BF9A

 D8C8B0

 D8D1C5

Harmonies

Analogous

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



FD6648



D88303



A29A00

Triad

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



D88303



00B4AA



B27CFB

Complementary

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



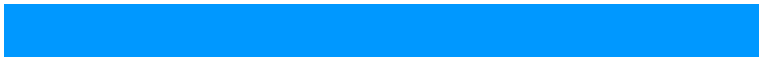
D88303



0358D8

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.



0098FF



D88303



00B2E8

Square

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



D88303



00B167



00AAFF



F25DC5

Rectangle

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



D88303



76A507



00AAFF



9086FF

Sweetspot

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



D88303



FFE0B3



D80358



806D52



000000



808080

Same Dimension

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



D88303



FF9900



C3D803



6B6760



AB6700



2B1A00

Inverse Universe

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



0358D8



0066FF



1803D8



60656B



0044AB



00112B

Previews

White Background



This preview shows how the Hex color D88303 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 D88303 Background



This preview shows how black text looks on a background with the Hex color D88303.



This preview shows how white text looks on a background with the Hex color D88303.

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
D88303

Protanopia
AB9810

Deuteranopia
BF8F00

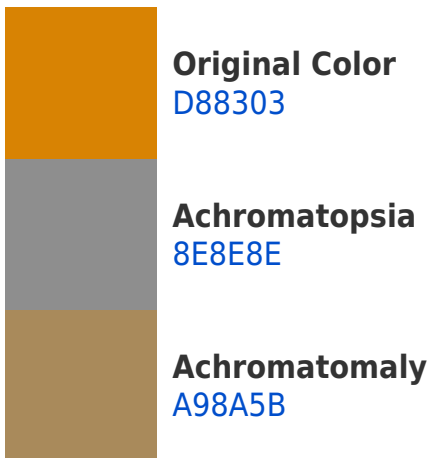


Tritanopia
DD7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D88303 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 #D88303 looks like.

```
.text, #text, p{  
    color:#D88303  
}
```

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 #D88303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D88303
}
```

Border

The CSS property to change the border of an element to Hex D88303 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
#D88303 }
```

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

```
.border{ border-color:#D88303 }
```

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

Here you see how a box with a 4 pixel #D88303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D88303; -webkit-box-shadow:4px 4px  
4px 4px #D88303; box-shadow:4px 4px 4px  
4px #D88303 }
```

Background

The CSS property to change the background color of an element to Hex D88303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D88303 }
```

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

```
.background{ background-color:#D88303 }
```

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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