

Converting Colors

Hex(DD8900)

Have a look what the booklet for
Hex(DD8900) contains.

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Color

Hex(DD8900)

Conversions

Conversions Part 1

Format	Color
Hex	DD8900
RGB	221, 137, 0
RGB Percent	87%, 54%, 0%
CMY	0.1333, 0.4627, 1.0000
CMYK	0.00, 0.38, 1.00, 0.13
HSL	37°, 100%, 43%
HSV	37°, 100%, 87%
XYZ	38.7645, 33.2635, 4.3774
YIQ	146.4980, 94.0410, -24.7990

Conversions

Conversions Part 2

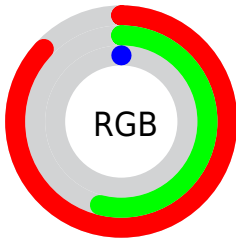
Format	Color
R _{YB}	136, 221, 0
Decimal	14518528
CIE Lab	64.37, 24.36, 70.06
CIE LCh	64, 74.174, 70.829
Yxy	33.2635, 0.5074, 0.4354
Android (android.graphics.Color)	4292708608 (0xFFDD8900)
YUV	146.4980, -72.2235, 65.3383
Hunter-Lab	57.6745, 19.0439, 35.8721

Details

The Hex color **DD8900** 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 **0054DD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFBF48**, and **9F5700** is the 20% darker color. If you saturate the color by 10%, you get **DD8900**, and if you desaturate by 10%, it is **DD9116**.

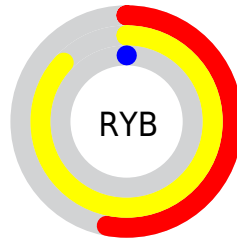
Distribution



Red (87%)

Green (54%)

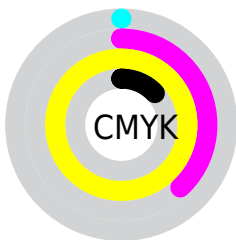
Blue (0%)



Red (53%)

Yellow (87%)

Blue (0%)

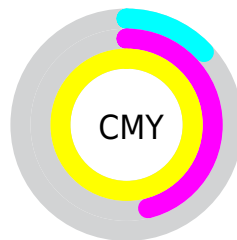


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD8900 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 DD8900 by changing the saturation by 10% instead.

 DD8900

 DD8900

FFFFFF

 BE6F00

 FFBF48

 9F5700

 FFDA64

 813F00

 FFF77F

 642800

 FFFF9B

 481200

 FFFFB7

 2E0000

 FFFFD4

 000000

 FFFFF1

 DD8900

 DD9116

 DD9A2C

 DDA242

 DDAB58

 DDB36F

 DDBB85

 DDC49B

 DDCCB1

 DDD5C7

Harmonies

Analogous

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



FF6B48



DD8900



A5A100

Triad

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



DD8900



00BAB3



BC7FFF

Complementary

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



DD8900



0054DD

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.



029CFF



DD8900



00B8F2

Square

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



DD8900



00B86E



00AFFF



FC60C9

Rectangle

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



DD8900



77AC0F



00AFFF



9B89FF

Sweetspot

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



DD8900



FFE2B3



DD0055



806E52



000000



808080

Same Dimension

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



DD8900



FF9E00



C3DD00



6E6963



AD6B00



2E1C00

Inverse Universe

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



0054DD



0061FF



1A00DD



63676E



0042AD



00112E

Previews

White Background



This preview shows how the Hex color DD8900 looks on a white background.

Color Contrast Check

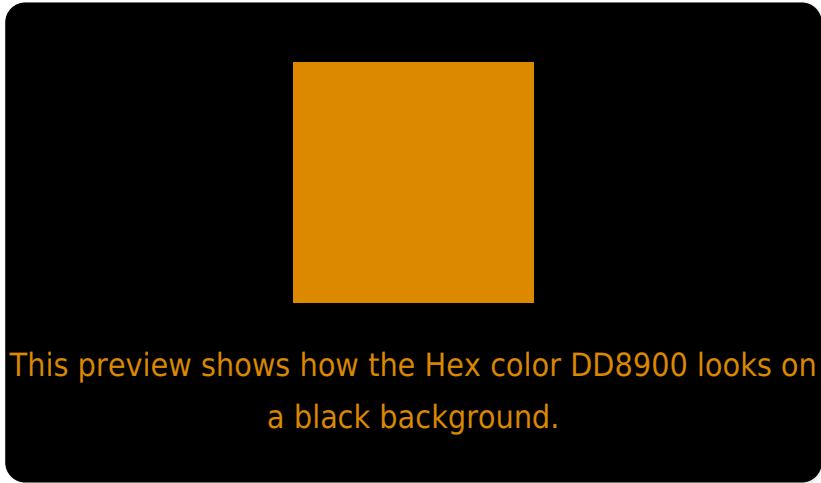
Large Text (above 18pt) WCAG AA × Fail

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 DD8900 Background



This preview shows how black text looks on a background with the Hex color DD8900.

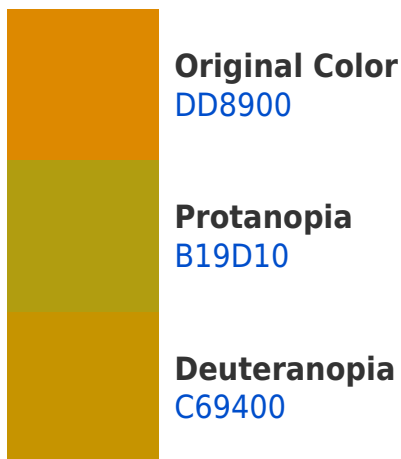


This preview shows how white text looks on a background with the Hex color DD8900.

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](#).

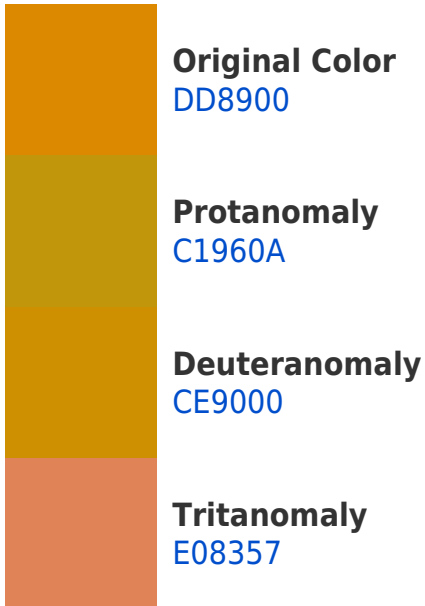
Dichromacy





Tritanopia
E27F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD8900 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 #DD8900 looks like.

```
.text, #text, p{  
    color:#DD8900  
}
```

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 #DD8900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD8900
}
```

Border

The CSS property to change the border of an element to Hex DD8900 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
#DD8900 }
```

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

```
.border{ border-color:#DD8900 }
```

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

Here you see how a box with a 4 pixel #DD8900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD8900; -webkit-box-shadow:4px 4px  
4px 4px #DD8900; box-shadow:4px 4px 4px  
4px #DD8900 }
```

Background

The CSS property to change the background color of an element to Hex DD8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD8900 }
```

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

```
.background{ background-color:#DD8900 }
```

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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