

Converting Colors

Hex(DA7912)

Have a look what the booklet for
Hex(DA7912) contains.

Hex(DA7912)	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(DA7912)

Conversions

Conversions Part 1

Format	Color
Hex	DA7912
RGB	218, 121, 18
RGB Percent	85%, 47%, 7%
CMY	0.1451, 0.5255, 0.9294
CMYK	0.00, 0.44, 0.92, 0.15
HSL	31°, 85%, 46%
HSV	31°, 92%, 85%
XYZ	35.8600, 28.6238, 4.2072
YIQ	138.2610, 90.8750, -11.4690

Conversions

Conversions Part 2

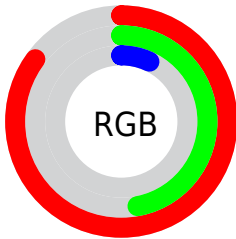
Format	Color
R _Y B	206, 218, 18
Decimal	14317842
CIE Lab	60.45, 31.78, 64.19
CIE LCh	60, 71.627, 63.664
Yxy	28.6238, 0.5220, 0.4167
Android (android.graphics.Color)	4292507922 (0xFFDA7912)
YUV	138.2610, -59.2887, 69.9311
Hunter-Lab	53.5013, 26.0150, 32.7885

Details

The Hex color **DA7912** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1273DA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAE4D**, and **9C4700** is the 20% darker color. If you saturate the color by 10%, you get **DA7000**, and if you desaturate by 10%, it is **DA8428**.

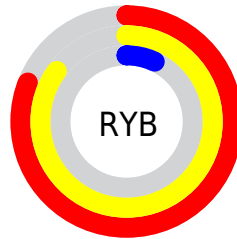
Distribution



Red (85%)

Green (47%)

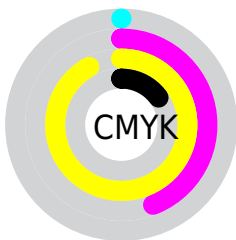
Blue (7%)



Red (81%)

Yellow (85%)

Blue (7%)

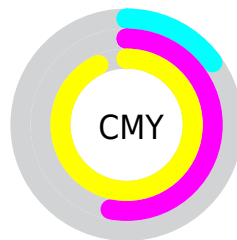


Cyan (0%)

Magenta (44%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA7912 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 DA7912 by changing the saturation by 10% instead.

DA7912

DA7912

FFFFFF

BB6000

FFAE4D

9C4700

FFCA67

7E2F00

FFE682

611700

FFFF9E

440000

FFFFBA

2D0001

FFFFD6

000000

FFFFF3

DA7912

DA7912

■ DA7000

■ DA8428

■ DA8E3E

■ DA9953

■ DAA369

■ DAAE7F

■ DAB895

■ DAC3AB

■ DACEC0

■ DAD8D6

Harmonies

Analogous

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



FA5C4F



DA7912



A89200

Triad

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



DA7912



00AE98



9A7DFC

Complementary

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



DA7912



1273DA

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.



0097FF



DA7912



00ADD6

Square

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



DA7912



00AB56



00A7FF



E35ECB

Rectangle

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



DA7912



7F9D00



00A7FF



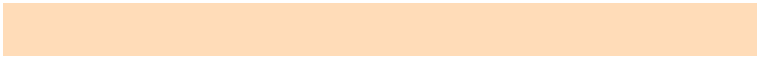
7387FF

Sweetspot

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



DA7912



FFDCB8



DA1276



806A54



000000



808080

Same Dimension

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



DA7912



FF8300



DADA12



6E6863



AD5900



2E1800

Inverse Universe

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



1273DA



007CFF



1212DA



63686E



0054AD



00162E

Previews

White Background



This preview shows how the Hex color DA7912 looks on a white background.

Color Contrast Check

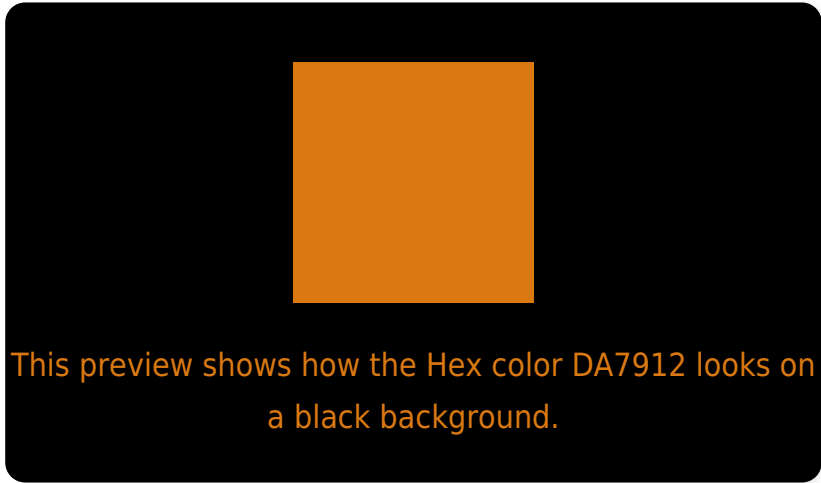
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA7912 Background



This preview shows how black text looks on a background with the Hex color DA7912.



This preview shows how white text looks on a background with the Hex color DA7912.

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
DA7912

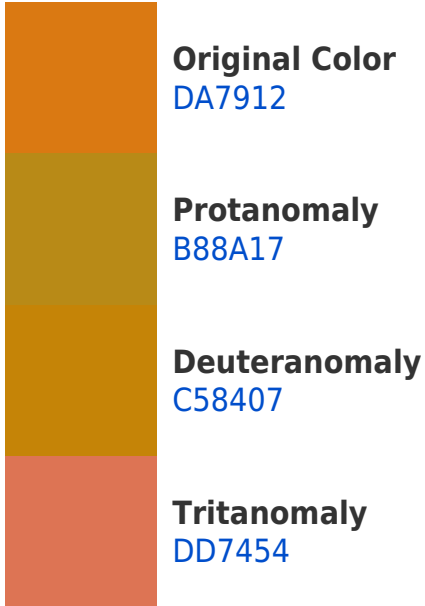
Protanopia
A5931A

Deuteranopia
B98B00

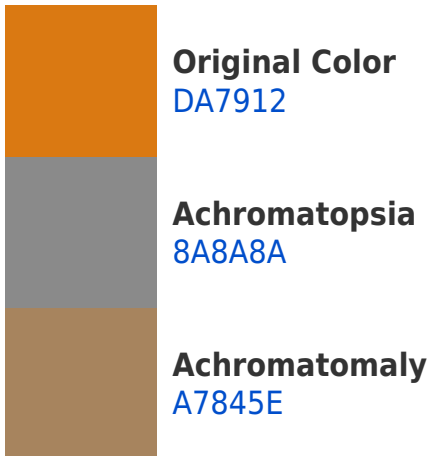


Tritanopia
DE7179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA7912 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 #DA7912 looks like.

```
.text, #text, p{  
    color:#DA7912  
}
```

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 #DA7912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA7912
}
```

Border

The CSS property to change the border of an element to Hex DA7912 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
#DA7912 }
```

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

```
.border{ border-color:#DA7912 }
```

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

Here you see how a box with a 4 pixel #DA7912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA7912; -webkit-box-shadow:4px 4px  
4px 4px #DA7912; box-shadow:4px 4px 4px  
4px #DA7912 }
```

Background

The CSS property to change the background color of an element to Hex DA7912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA7912 }
```

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

```
.background{ background-color:#DA7912 }
```

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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