

Converting Colors

Hex(DA7A12)

Have a look what the booklet for
Hex(DA7A12) contains.

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Color

Hex(DA7A12)

Conversions

Conversions Part 1

Format	Color
Hex	DA7A12
RGB	218, 122, 18
RGB Percent	85%, 48%, 7%
CMY	0.1451, 0.5216, 0.9294
CMYK	0.00, 0.44, 0.92, 0.15
HSL	31°, 85%, 46%
HSV	31°, 92%, 85%
XYZ	35.9822, 28.8682, 4.2479
YIQ	138.8480, 90.6000, -11.9920

Conversions

Conversions Part 2

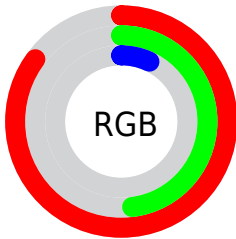
Format	Color
R_{YB}	203, 218, 18
Decimal	14318098
CIE Lab	60.67, 31.25, 64.35
CIE LCh	61, 71.536, 64.097
Yxy	28.8682, 0.5207, 0.4178
Android (android.graphics.Color)	4292508178 (0xFFDA7A12)
YUV	138.8480, -59.5781, 69.4163
Hunter-Lab	53.7291, 25.5148, 32.9228

Details

The Hex color **DA7A12** 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 **1272DA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAF4D**, and **9C4800** is the 20% darker color. If you saturate the color by 10%, you get **DA7100**, and if you desaturate by 10%, it is **DA8428**.

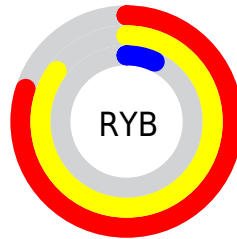
Distribution



Red (85%)

Green (48%)

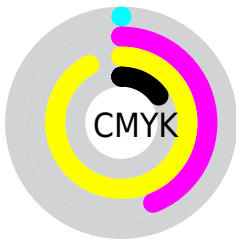
Blue (7%)



Red (80%)

Yellow (85%)

Blue (7%)

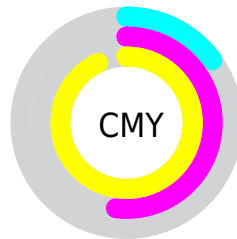


Cyan (0%)

Magenta (44%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA7A12 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 DA7A12 by changing the saturation by 10% instead.

 DA7A12

 DA7A12

FFFFFF

 BB6100

 FFAF4D

 9C4800

 FFCB68

 7E3000

 FFE783

 611800

 FFFF9E

 440000

 FFFFBA

 2D0001

 FFFFD6

 000000

 FFFFF3

 DA7A12

 DA7A12

■ DA7100

■ DA8428

■ DA8F3E

■ DA9953

■ DAA469

■ DAAE7F

■ DAB995

■ DAC3AB

■ DACEC0

■ DAD8D6

Harmonies

Analogous

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



FB5D4F



DA7A12



A89200

Triad

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



DA7A12



00AF99



9C7DFC

Complementary

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



DA7A12



1272DA

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



DA7A12



00AED8

Square

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



DA7A12



00AB58



00A7FF



E45ECB

Rectangle

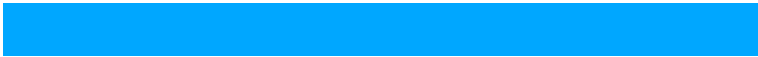
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DA7A12



7E9E00



00A7FF



7687FF

Sweetspot

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



DA7A12



FFDDB8



DA1273



806B54



000000



808080

Same Dimension

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



DA7A12



FF8500



D7DA12



6E6863



AD5A00



2E1800

Inverse Universe

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



1272DA



007AFF



1512DA



63686E



0053AD



00162E

Previews

White Background



This preview shows how the Hex color DA7A12 looks on a white background.

Color Contrast Check

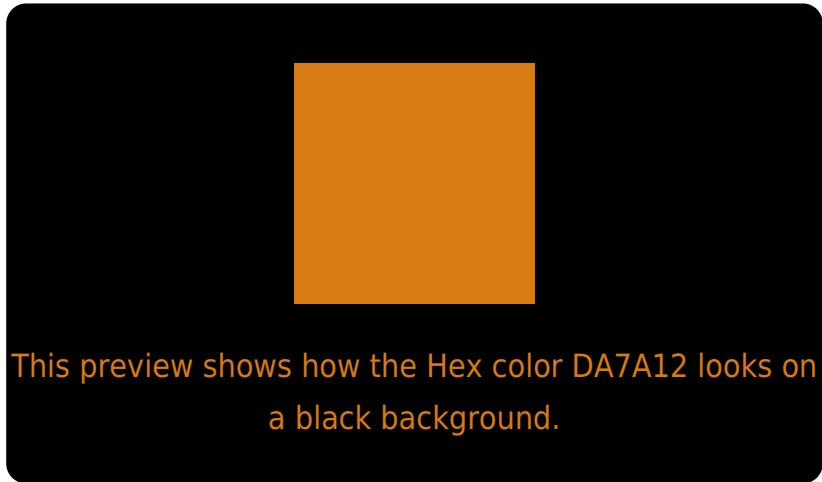
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA7A12 Background



This preview shows how black text looks on a background with the Hex color DA7A12.



This preview shows how white text looks on a background with the Hex color DA7A12.

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
DA7A12

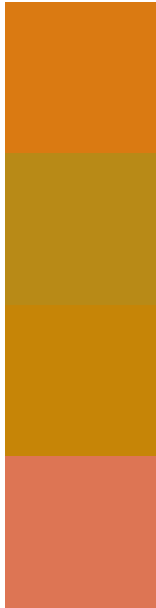
Protanopia
A5931A

Deuteranopia
BA8B00



Tritanopia
DE727A

Trichromacy



Original Color
DA7A12

Protanomaly
B88A17

Deuteranomaly
C68507

Tritanomaly
DD7554

Monochromacy



Original Color
DA7A12

Achromatopsia
8B8B8B

Achromatomaly
A8855F

CSS Examples

Text

The CSS property to change the color of the text to Hex DA7A12 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 #DA7A12 looks like.

```
.text, #text, p{  
    color:#DA7A12  
}
```

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 #DA7A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA7A12
}
```

Border

The CSS property to change the border of an element to Hex DA7A12 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
#DA7A12 }
```

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

```
.border{ border-color:#DA7A12 }
```

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

Here you see how a box with a 4 pixel #DA7A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA7A12; -webkit-box-shadow:4px 4px  
4px 4px #DA7A12; box-shadow:4px 4px 4px  
4px #DA7A12 }
```

Background

The CSS property to change the background color of an element to Hex DA7A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA7A12 }
```

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

```
.background{ background-color:#DA7A12 }
```

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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