

Converting Colors

Hex(D8A42D)

Have a look what the booklet for
Hex(D8A42D) contains.

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Color

Hex(D8A42D)

Conversions

Conversions Part 1

Format	Color
Hex	D8A42D
RGB	216, 164, 45
RGB Percent	85%, 64%, 18%
CMY	0.1529, 0.3569, 0.8235
CMYK	0.00, 0.24, 0.79, 0.15
HSL	42°, 69%, 51%
HSV	42°, 79%, 85%
XYZ	42.0680, 41.3393, 8.2447
YIQ	165.9820, 69.1910, -25.9850

Conversions

Conversions Part 2

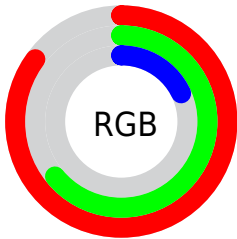
Format	Color
R _Y B	120, 216, 45
Decimal	14197805
CIE Lab	70.41, 8.57, 64.38
CIE LCh	70, 64.944, 82.414
Yxy	41.3393, 0.4590, 0.4510
Android (android.graphics.Color)	4292387885 (0xFFD8A42D)
YUV	165.9820, -59.6441, 43.8658
Hunter-Lab	64.2957, 4.2734, 37.4042

Details

The Hex color **D8A42D** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2D61D8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDB64**, and **9C7100** is the 20% darker color. If you saturate the color by 10%, you get **D89D17**, and if you desaturate by 10%, it is **D8AB43**.

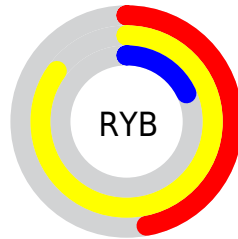
Distribution



Red (85%)

Green (64%)

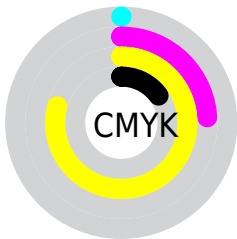
Blue (18%)



Red (47%)

Yellow (85%)

Blue (18%)

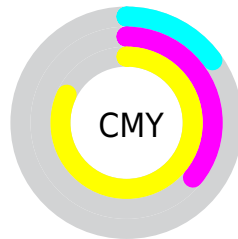


Cyan (0%)

Magenta (24%)

Yellow (79%)

Black (15%)



Cyan (15%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8A42D 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 D8A42D by changing the saturation by 10% instead.

 D8A42D

 D8A42D

FFFFFF

 BA8A07

 FFDB64

 9C7100

 FFF780

 805800

 FFFF9B

 634100

 FFFFB7

 482B00

 FFFFD4

 2E1700

 FFFFF1

 150000

 000000

 D8A42D

 D8A42D

 D89D17

 D8AB43

 D89702

 D8B158

 D89600

 D8B86E

 D8BE83

 D8C599

 D8CBAF

 D8D2C4

 D8D9DA

 D8DFEF

Harmonies

Analogous

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



FF8D4F



D8A42D



A0B634

Triad

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



D8A42D



00C8D8



E589F5

Complementary

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



D8A42D



2D61D8

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.



92A3FF



D8A42D



00C4FF

Square

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



D8A42D



00C89B



00B7FF



FF77BE

Rectangle

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



D8A42D



72BF4F



00B7FF



CF92FF

Sweetspot

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



D8A42D



FFECC2



D82D63



80745B



000000



808080

Same Dimension

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



D8A42D



FFB50D



B9D82D



6B6860



AB7700



2B1E00

Inverse Universe

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



2D61D8



0D56FF



4C2DD8



60646B



0034AB



000D2B

Previews

White Background



This preview shows how the Hex color D8A42D looks on a white background.

Color Contrast Check

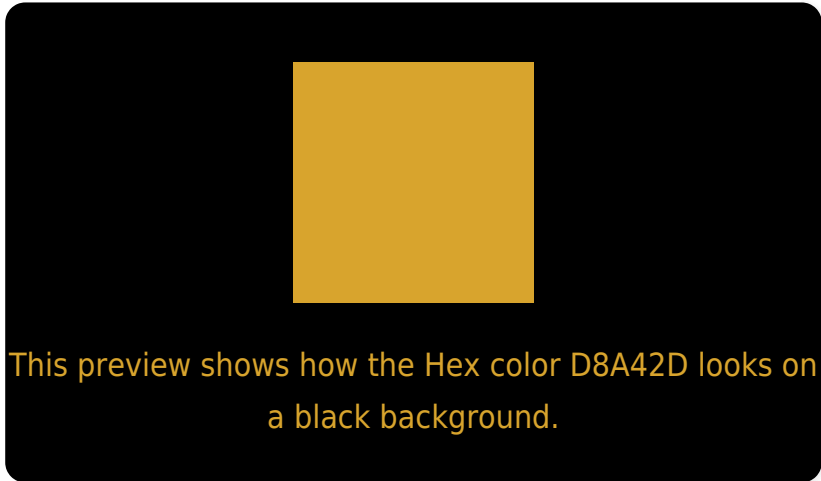
Large Text (above 18pt) WCAG AA × Fail

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 D8A42D Background



This preview shows how black text looks on a background with the Hex color D8A42D.



This preview shows how white text looks on a background with the Hex color D8A42D.

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
D8A42D

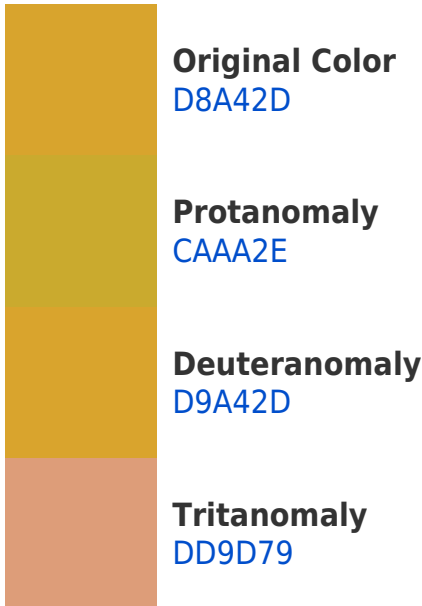
Protanopia
C2AD2F

Deuteranopia
D9A42D

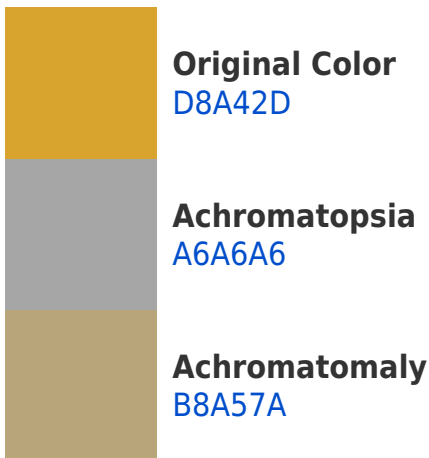


Tritanopia
E099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8A42D 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 #D8A42D looks like.

```
.text, #text, p{  
    color:#D8A42D  
}
```

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 #D8A42D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8A42D
}
```

Border

The CSS property to change the border of an element to Hex D8A42D 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
#D8A42D }
```

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

```
.border{ border-color:#D8A42D }
```

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

Here you see how a box with a 4 pixel #D8A42D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8A42D; -webkit-box-shadow:4px 4px  
4px 4px #D8A42D; box-shadow:4px 4px 4px  
4px #D8A42D }
```

Background

The CSS property to change the background color of an element to Hex D8A42D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8A42D }
```

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

```
.background{ background-color:#D8A42D }
```

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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