

Converting Colors

Hex(D8A407)

Have a look what the booklet for
Hex(D8A407) contains.

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Color

Hex(D8A407)

Conversions

Conversions Part 1

Format	Color
Hex	D8A407
RGB	216, 164, 7
RGB Percent	85%, 64%, 3%
CMY	0.1529, 0.3569, 0.9725
CMYK	0.00, 0.24, 0.97, 0.15
HSL	45°, 94%, 44%
HSV	45°, 97%, 85%
XYZ	41.6327, 41.1652, 5.9524
YIQ	161.6500, 81.3890, -37.8030

Conversions

Conversions Part 2

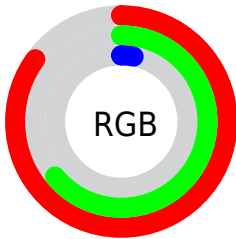
Format	Color
RYB	76, 216, 7
Decimal	14197767
CIELab	70.29, 7.78, 72.87
CIElCh	70, 73.287, 83.907
Yxy	41.1652, 0.4691, 0.4638
Android (android.graphics.Color)	4292387847 (0xFFD8A407)
YUV	161.6500, -76.2425, 47.6649
Hunter-Lab	64.1601, 3.5463, 39.4115

Details

The Hex color **D8A407** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **073BD8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFDB50**, and **9C7100** is the 20% darker color. If you saturate the color by 10%, you get **D8A200**, and if you desaturate by 10%, it is **D8A91D**.

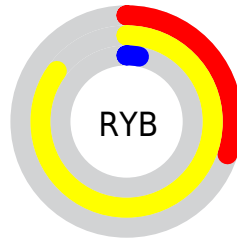
Distribution



Red (85%)

Green (64%)

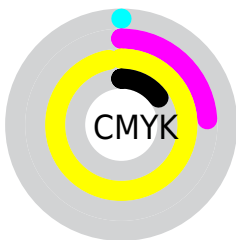
Blue (3%)



Red (30%)

Yellow (85%)

Blue (3%)

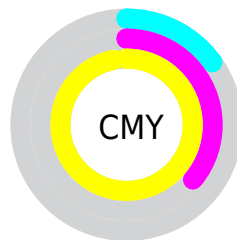


Cyan (0%)

Magenta (24%)

Yellow (97%)

Black (15%)



Cyan (15%)

Magenta (36%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8A407 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 D8A407 by changing the saturation by 10% instead.

 D8A407

 D8A407

FFFFFF

 BA8A00

 FFDB50

 9C7100

 FFF76C

 7F5800

 FFFF88

 624100

 FFFFA4

 462C00

 FFFFC1

 2D1700

 FFFFDE

 130000

 FFFFFB

 000000

 D8A407

 D8A407

 D8A200

 D8A91D

 D8AF32

 D8B448

 D8B95D

 D8BF73

 D8C489

 D8CA9E

 D8CFB4

 D8D4C9

Harmonies

Analogous

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



FF893F



D8A407



99B81C

Triad

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



D8A407



00CBE0



EF82FB

Complementary

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



D8A407



073BD8

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.



91A0FF



D8A407



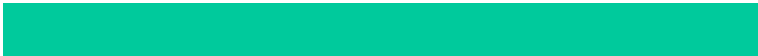
00C5FF

Square

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



D8A407



00CA9C



00B8FF



FF6ABC

Rectangle

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



D8A407



62C144



00B8FF



D68CFF

Sweetspot

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



D8A407



FFEDB5



D8073B



807453



000000



808080

Same Dimension

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



D8A407



FFC000



A4D807



6B6860



AB8000



2B2100

Inverse Universe

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



073BD8



003FFF



3B07D8



60636B



002BAB



000B2B

Previews

White Background



This preview shows how the Hex color D8A407 looks on a white background.

Color Contrast Check

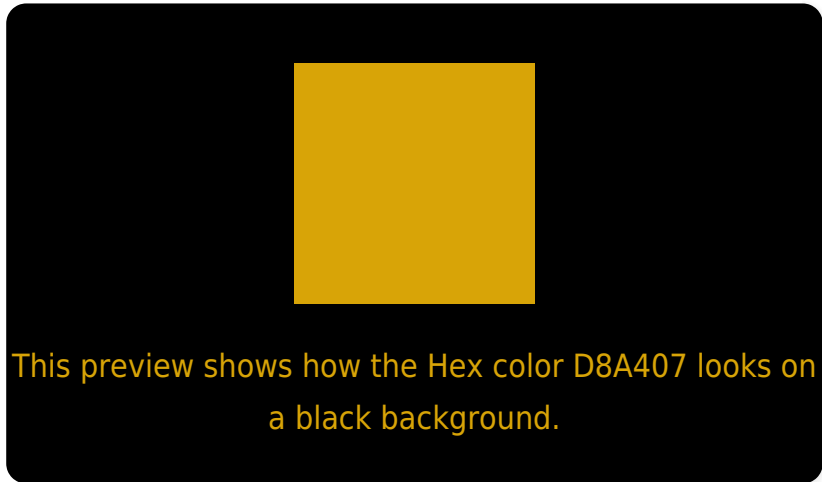
Large Text (above 18pt) WCAG AA × Fail

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 D8A407 Background



This preview shows how black text looks on a background with the Hex color D8A407.



This preview shows how white text looks on a background with the Hex color D8A407.

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
D8A407

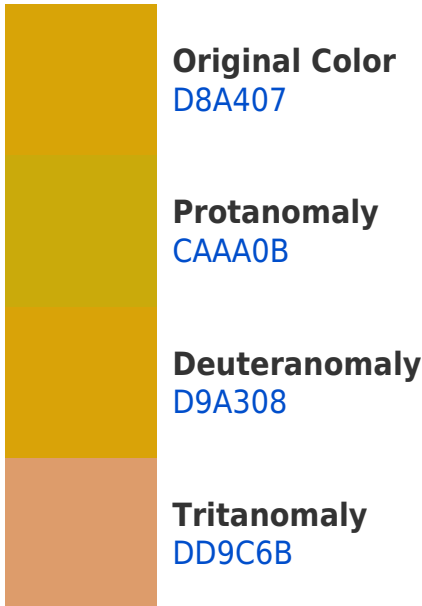
Protanopia
C2AD0D

Deuteranopia
DAA309

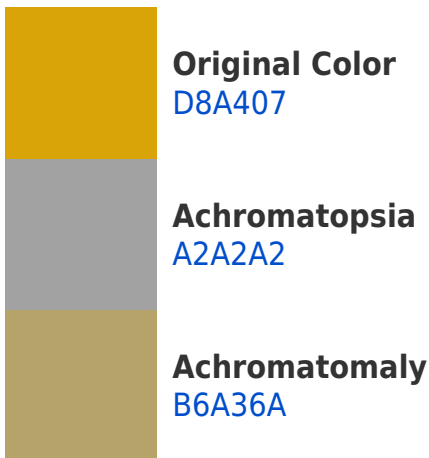


Tritanopia
E098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8A407 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 #D8A407 looks like.

```
.text, #text, p{  
    color:#D8A407  
}
```

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 #D8A407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8A407
}
```

Border

The CSS property to change the border of an element to Hex D8A407 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
#D8A407 }
```

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

```
.border{ border-color:#D8A407 }
```

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

Here you see how a box with a 4 pixel #D8A407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8A407; -webkit-box-shadow:4px 4px  
4px 4px #D8A407; box-shadow:4px 4px 4px  
4px #D8A407 }
```

Background

The CSS property to change the background color of an element to Hex D8A407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8A407 }
```

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

```
.background{ background-color:#D8A407 }
```

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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