

Converting Colors

Hex(D8A158)

Have a look what the booklet for
Hex(D8A158) contains.

Hex(D8A158)	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(D8A158)

Conversions

Conversions Part 1

Format	Color
Hex	D8A158
RGB	216, 161, 88
RGB Percent	85%, 63%, 35%
CMY	0.1529, 0.3686, 0.6549
CMYK	0.00, 0.25, 0.59, 0.15
HSL	34°, 62%, 60%
HSV	34°, 59%, 85%
XYZ	42.8252, 40.7932, 14.8493
YIQ	169.1230, 56.2130, -11.0430

Conversions

Conversions Part 2

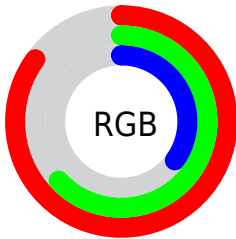
Format	Color
RYB	184, 216, 88
Decimal	14197080
CIELab	70.03, 12.49, 45.38
CIELCh	70, 47.071, 74.608
Yxy	40.7932, 0.4349, 0.4143
Android (android.graphics.Color)	4292387160 (0xFFD8A158)
YUV	169.1230, -39.9936, 41.1111
Hunter-Lab	63.8696, 7.9143, 30.9242

Details

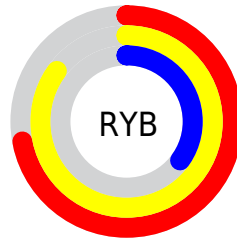
The Hex color **D8A158** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **588FD8**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD88C**, and **9E6E26** is the 20% darker color. If you saturate the color by 10%, you get **D89842**, and if you desaturate by 10%, it is **D8AA6E**.

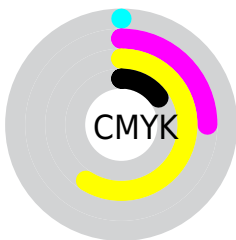
Distribution



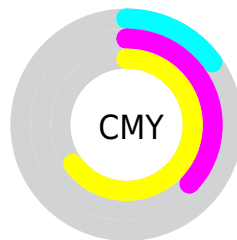
- Red (85%)
- Green (63%)
- Blue (35%)



- Red (72%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (25%)
- Yellow (59%)
- Black (15%)



- Cyan (15%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8A158 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 D8A158 by changing the saturation by 10% instead.

 D8A158

 D8A158

FFFFFF

 BB873F

 FFD88C

 9E6E26

 FFF4A7

 82550B

 FFFFC2

 663E00

 FFFFDF

 4B2800

 FFFFFC

 311400

 190001

 000000

 D8A158

 D8A158

 D89842

 D8AA6E

 D88E2D

 D8B483

 D88517

 D8BD99

 D87C02

 D8C6AE

 D87B00

 D8CFC4

 D8D9DA

 D8E2EF

 D8EBFF

 D8F5FF

Harmonies

Analogous

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



F39271



D8A158



B1AF56

Triad

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



D8A158



00C1BF



CA98E8

Complementary

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



D8A158



588FD8

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.



8BA8FE



D8A158



00BEE6

Square

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



D8A158



41C093



1FB6FD



EF8BC3

Rectangle

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



D8A158



92B762



1FB6FD



B89DF2

Sweetspot

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



D8A158



FFEBD1



D8588F



807363



000000



808080

Same Dimension

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



D8A158



FFB14A



CFD858



6B6660



AB6100



2B1900

Inverse Universe

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



588FD8



4A98FF



6158D8



60656B



0049AB



00132B

Previews

White Background



This preview shows how the Hex color D8A158 looks on a white background.

Color Contrast Check

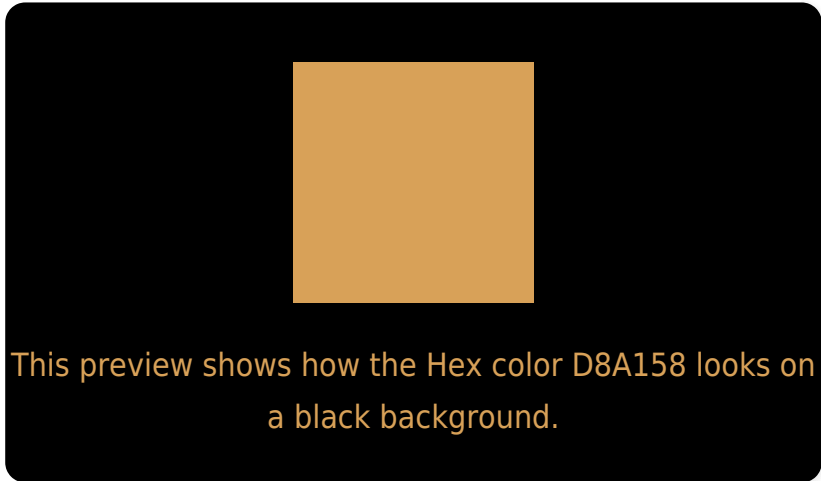
Large Text (above 18pt) WCAG AA × Fail

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 D8A158 Background



This preview shows how black text looks on a background with the Hex color D8A158.

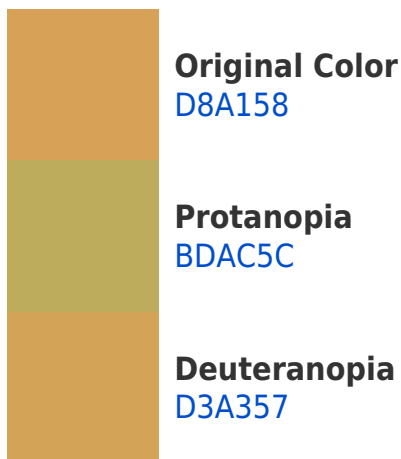


This preview shows how white text looks on a background with the Hex color D8A158.

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](#).

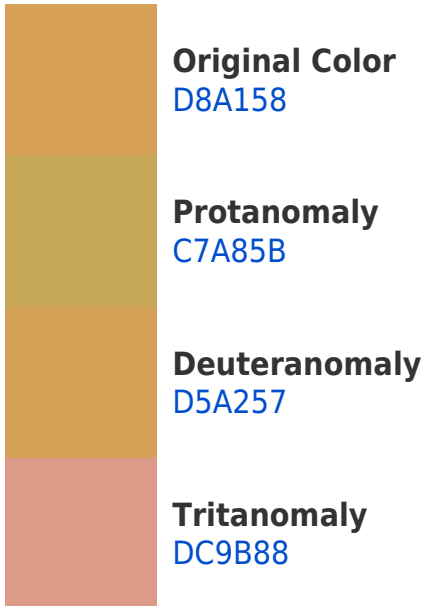
Dichromacy



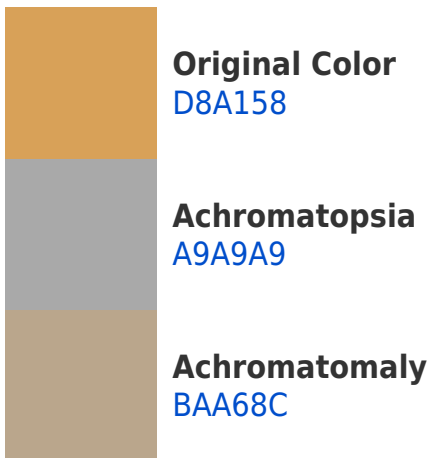


Tritanopia
DE98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8A158 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 #D8A158 looks like.

```
.text, #text, p{  
    color:#D8A158  
}
```

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 #D8A158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8A158
}
```

Border

The CSS property to change the border of an element to Hex D8A158 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
#D8A158 }
```

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

```
.border{ border-color:#D8A158 }
```

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

Here you see how a box with a 4 pixel #D8A158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8A158; -webkit-box-shadow:4px 4px  
4px 4px #D8A158; box-shadow:4px 4px 4px  
4px #D8A158 }
```

Background

The CSS property to change the background color of an element to Hex D8A158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8A158 }
```

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

```
.background{ background-color:#D8A158 }
```

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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