

Converting Colors

Hex(D7A461)

Have a look what the booklet for
Hex(D7A461) contains.

Hex(D7A461)	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(D7A461)

Conversions

Conversions Part 1

Format	Color
Hex	D7A461
RGB	215, 164, 97
RGB Percent	84%, 64%, 38%
CMY	0.1569, 0.3569, 0.6196
CMYK	0.00, 0.24, 0.55, 0.16
HSL	34°, 60%, 61%
HSV	34°, 55%, 84%
XYZ	43.4575, 41.8611, 17.0988
YIQ	171.6110, 51.9030, -10.0250

Conversions

Conversions Part 2

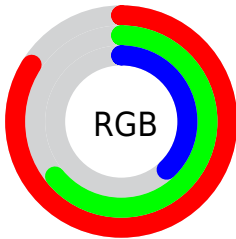
Format	Color
RYB	187, 215, 97
Decimal	14132321
CIELab	70.78, 11.16, 41.71
CIElCh	71, 43.177, 75.017
Yxy	41.8611, 0.4243, 0.4087
Android (android.graphics.Color)	4292322401 (0xFFD7A461)
YUV	171.6110, -36.7832, 38.0522
Hunter-Lab	64.7001, 6.6688, 29.6211

Details

The Hex color **D7A461** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6194D7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDB95**, and **9D7030** is the 20% darker color. If you saturate the color by 10%, you get **D79B4C**, and if you desaturate by 10%, it is **D7AD76**.

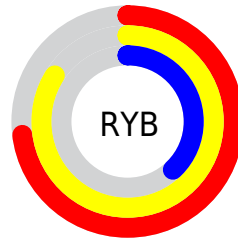
Distribution



Red (84%)

Green (64%)

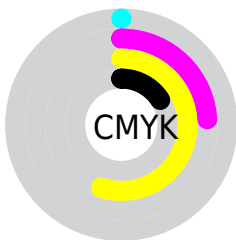
Blue (38%)



Red (73%)

Yellow (84%)

Blue (38%)

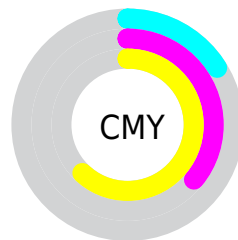


Cyan (0%)

Magenta (24%)

Yellow (55%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A461 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 D7A461 by changing the saturation by 10% instead.

 D7A461

 D7A461

FFFFFF

 BA8A48

 FFDB95

 9D7030

 FFF7B0

 815817

 FFFFCC

 664100

 FFFFE8

 4C2B00

 311600

 1A0000

 000000

 D7A461

 D7A461

 D79B4C

 D7AD76

 D79136

 D7B78C

 D78821

 D7C0A2

 D77F0B

 D7C9B7

 D77A00

 D7D2CD

 D7DCE2

 D7E5F7

 D7EEFF

 D7F8FF

Harmonies

Analogous

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



F09677



D7A461



B3B15F

Triad

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



D7A461



00C2C0



CA9CE5

Complementary

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



D7A461



6194D7

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.



93AAF9



D7A461



00BFE4

Square

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



D7A461



50C098



44B7F8



ED90C3

Rectangle

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



D7A461



96B86B



44B7F8



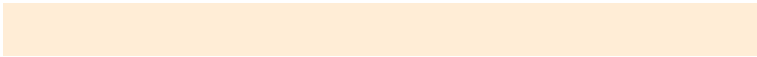
BAA0EE

Sweetspot

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



D7A461



FFEDD6



D76194



807567



000000



808080

Same Dimension

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



D7A461



FFB657



CFD761



6B6660



AB6100



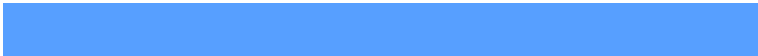
2B1900

Inverse Universe

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



6194D7



579FFF



6961D7



60656B



004AAB



00132B

Previews

White Background



This preview shows how the Hex color D7A461 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

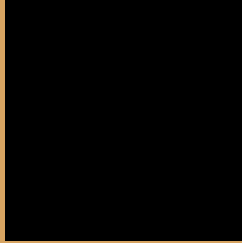
Any Text WCAG AA ✓ Pass

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 D7A461 Background



This preview shows how black text looks on a background with the Hex color D7A461.




This preview shows how white text looks on a background with the Hex color D7A461.

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](#).

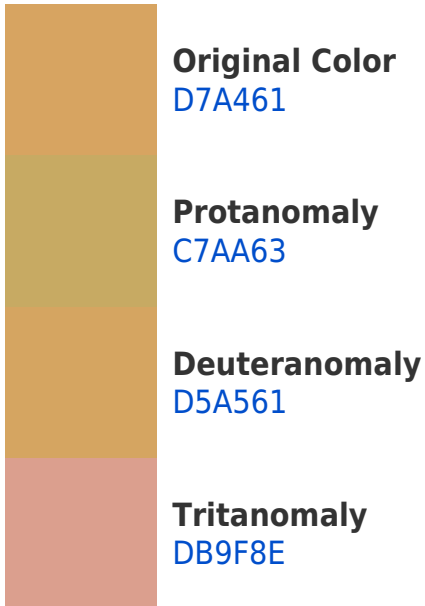
Dichromacy



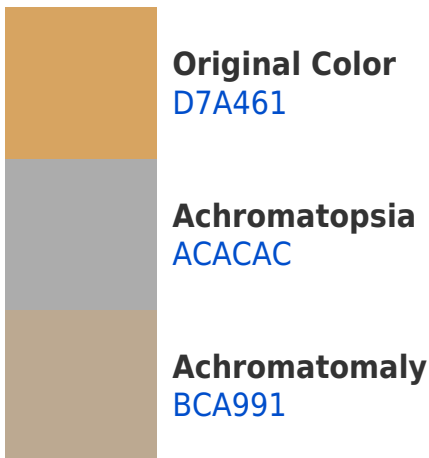


Tritanopia
DD9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7A461 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 #D7A461 looks like.

```
.text, #text, p{  
    color:#D7A461  
}
```

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 #D7A461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A461  
}
```

Border

The CSS property to change the border of an element to Hex D7A461 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  
#D7A461 }
```

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

```
.border{ border-color:#D7A461 }
```

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

Here you see how a box with a 4 pixel #D7A461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A461; -webkit-box-shadow:4px 4px  
4px 4px #D7A461; box-shadow:4px 4px 4px  
4px #D7A461 }
```

Background

The CSS property to change the background color of an element to Hex D7A461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A461 }
```

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

```
.background{ background-color:#D7A461 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor