

# Converting Colors

Hex(D6A176)

Have a look what the booklet for  
Hex(D6A176) contains.

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**Color**

**Hex(D6A176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6A176
RGB	214, 161, 118
RGB Percent	84%, 63%, 46%
CMY	0.1608, 0.3686, 0.5373
CMYK	0.00, 0.25, 0.45, 0.16
HSL	27°, 54%, 65%
HSV	27°, 45%, 84%
XYZ	43.7464, 41.0939, 22.7658
YIQ	171.9450, 45.3910, -2.1370

# Conversions

## Conversions Part 2

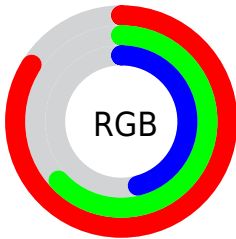
Format	Color
<a href="#">RYB</a>	<a href="#">214, 196, 118</a>
Decimal	<a href="#">14066038</a>
CIELab	<a href="#">70.24, 14.31, 29.99</a>
CIELCh	<a href="#">70, 33.228, 64.483</a>
Yxy	<a href="#">41.0939, 0.4065, 0.3819</a>
Android (android.graphics.Color)	<a href="#">4292256118 (0xFFD6A176)</a>
YUV	<a href="#">171.9450, -26.5949, 36.8822</a>
Hunter-Lab	<a href="#">64.1045, 9.6297, 23.8172</a>

# Details

The Hex color **D6A176** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76ABD6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD8AB**, and **9D6D45** is the 20% darker color. If you saturate the color by 10%, you get **D69561**, and if you desaturate by 10%, it is **D6AD8B**.

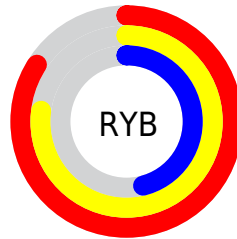
# Distribution



Red (84%)

Green (63%)

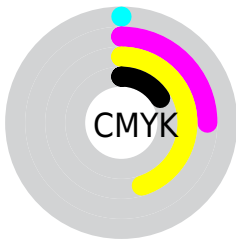
Blue (46%)



Red (84%)

Yellow (77%)

Blue (46%)

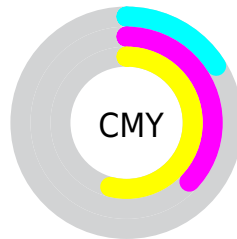


Cyan (0%)

Magenta (25%)

Yellow (45%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6A176 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 D6A176 by changing the saturation by 10% instead.



 D6A176

 D6A176

FFFFFF

 B9875D

 FFD8AB

 9D6D45

 FFF4C6

 82552E

 FFFFE2

 673E18

 4D2800

 331300

 1C0001

 000000

 D6A176

 D6A176

 D69561

 D6AD8B

 D6894B

 D6B9A1

 D67E36

 D6C4B6

 D67220

 D6D0CC

 D6660B

 D6DCE1

 D66000

 D6E8F6

 D6F4FF

 D6FFFF

# Harmonies

## Analogous

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



E5988B



D6A176



BCAB6F

# Triad

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



D6A176



55BCAF



B6A2DE

# Complementary

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



D6A176



76ABD6

# 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.



8AADE8



D6A176



43BBCD

# Square

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



D6A176



78BA91



5CB6E1



D699C6

# Rectangle

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



D6A176



A7B174



5CB6E1



A8A6E3

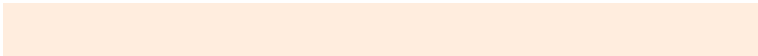


# Sweetspot

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



D6A176



FFEDDE



D676AC



80746B



000000



808080



# Same Dimension

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



D6A176



FFB375



D6D076



6B6560



AB4D00



2B1300

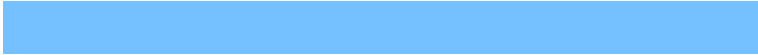


# Inverse Universe

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



76ABD6



75C1FF



767CD6



60666B



005EAB



00182B



# Previews

## White Background



This preview shows how the Hex color D6A176 looks on a white background.

## Color Contrast Check

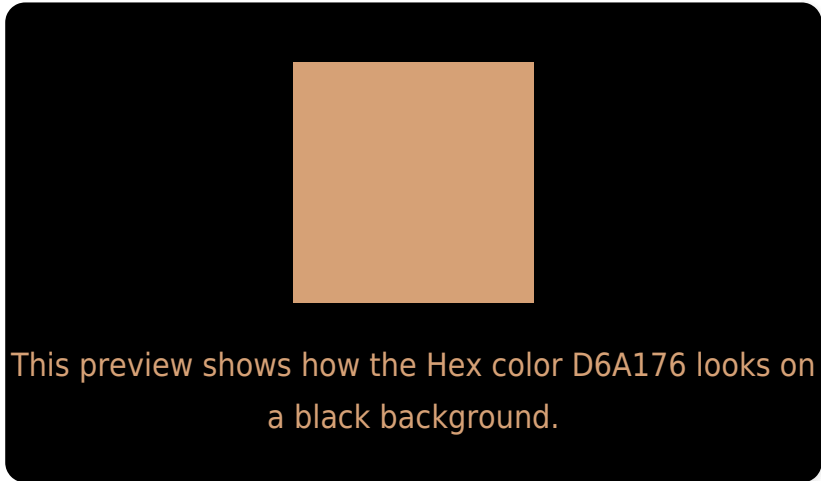
Large Text (above 18pt) WCAG AA × Fail

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

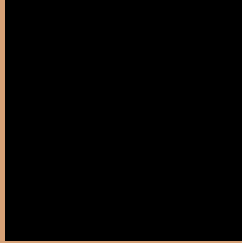
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6A176 Background



This preview shows how black text looks on a background with the Hex color D6A176.

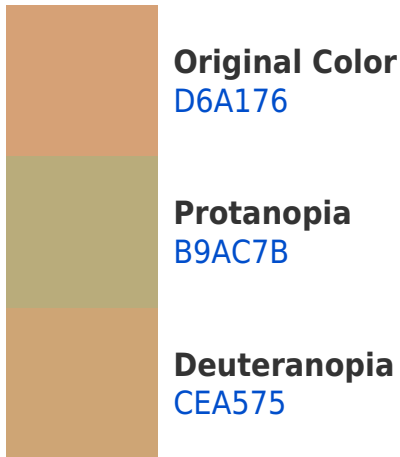


This preview shows how white text looks on a background with the Hex color D6A176.

# 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](#).

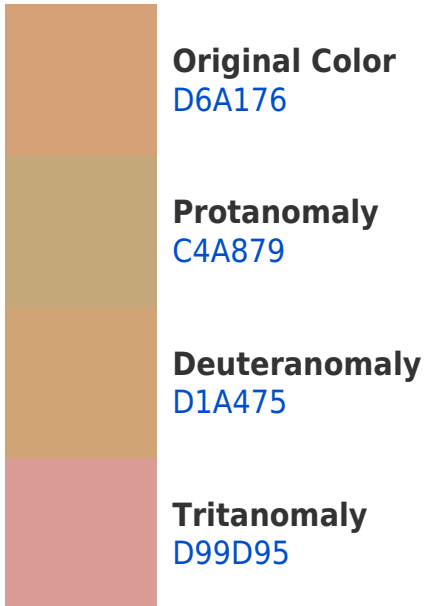
## Dichromacy



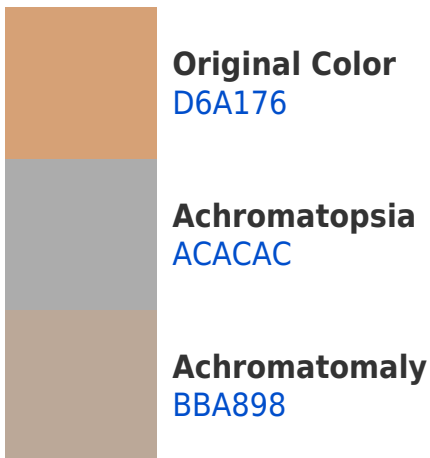


**Tritanopia**  
DA9BA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6A176 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 #D6A176 looks like.

```
.text, #text, p{  
    color:#D6A176  
}
```

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 #D6A176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A176
}
```

## Border

The CSS property to change the border of an element to Hex D6A176 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
#D6A176 }
```

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

```
.border{ border-color:#D6A176 }
```

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

Here you see how a box with a 4 pixel #D6A176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A176; -webkit-box-shadow:4px 4px  
4px 4px #D6A176; box-shadow:4px 4px 4px  
4px #D6A176 }
```

# Background

The CSS property to change the background color of an element to Hex D6A176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A176 }
```

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

```
.background{ background-color:#D6A176 }
```

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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