

# Converting Colors

Hex(D6965C)

Have a look what the booklet for  
Hex(D6965C) contains.

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**Color**

**Hex(D6965C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6965C
RGB	214, 150, 92
RGB Percent	84%, 59%, 36%
CMY	0.1608, 0.4118, 0.6392
CMYK	0.00, 0.30, 0.57, 0.16
HSL	29°, 60%, 60%
HSV	29°, 57%, 84%
XYZ	40.5697, 36.8815, 15.1058
YIQ	162.5240, 56.7620, -4.4700

# Conversions

## Conversions Part 2

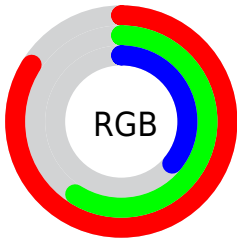
Format	Color
<a href="#">RYB</a>	<a href="#">214, 203, 92</a>
Decimal	<a href="#">14063196</a>
CIELab	<a href="#">67.19, 17.90, 39.89</a>
CIElCh	<a href="#">67, 43.722, 65.839</a>
Yxy	<a href="#">36.8815, 0.4383, 0.3985</a>
Android (android.graphics.Color)	<a href="#">4292253276</a> ( <a href="#">0xFFD6965C</a> )
YUV	<a href="#">162.5240, -34.7683, 45.1445</a>
Hunter-Lab	<a href="#">60.7302, 12.9658, 27.7635</a>

# Details

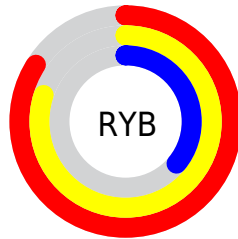
The Hex color **D6965C** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5C9CD6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCC8F**, and **9C632C** is the 20% darker color. If you saturate the color by 10%, you get **D68B47**, and if you desaturate by 10%, it is **D6A171**.

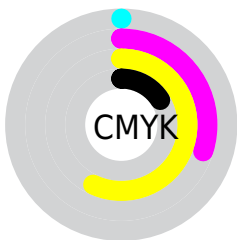
# Distribution



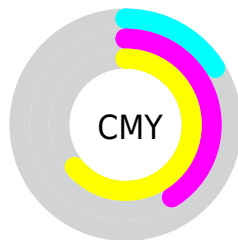
- Red (84%)
- Green (59%)
- Blue (36%)



- Red (84%)
- Yellow (80%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (57%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6965C 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 D6965C by changing the saturation by 10% instead.



 D6965C

 D6965C

FFFFFF

 B97C43

 FFCC8F

 9C632C

 FFE8AA

 804B13

 FFFFC6

 643400

 FFFFE2

 491E00

 2F0900

 0E0000

 000000

 D6965C

 D6965C

 D68B47

 D6A171

 D68031

 D6AC87

 D6741C

 D6B89C

 D66906

 D6C3B2

 D66600

 D6CEC7

 D6D9DC

 D6E5F2

 D6F0FF

 D6FBFF

# Harmonies

## Analogous

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



EB8977



D6965C



B5A453

# Triad

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



D6965C



00B8AA



B196E4

# Complementary

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



D6965C



5C9CD6

# 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.



72A5F2



D6965C



00B6D0

# Square

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



D6965C



57B582



00B0EB



DB89C5

# Rectangle

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



D6965C



9AAB5B



00B0EB



9F9BEA

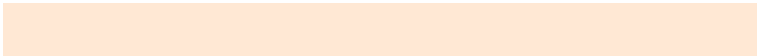


# Sweetspot

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



D6965C



FFE8D4



D65C9D



807266



000000



808080



# Same Dimension

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



D6965C



FFA452



D6D25C



6B6560



AB5100



2B1500



# Inverse Universe

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



5C9CD6



52ADFF



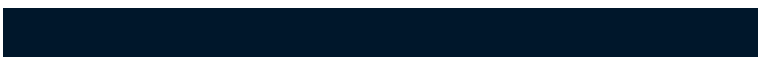
5C60D6



60666B



005AAB



00172B



# Previews

## White Background



This preview shows how the Hex color D6965C looks on a white background.

## Color Contrast Check

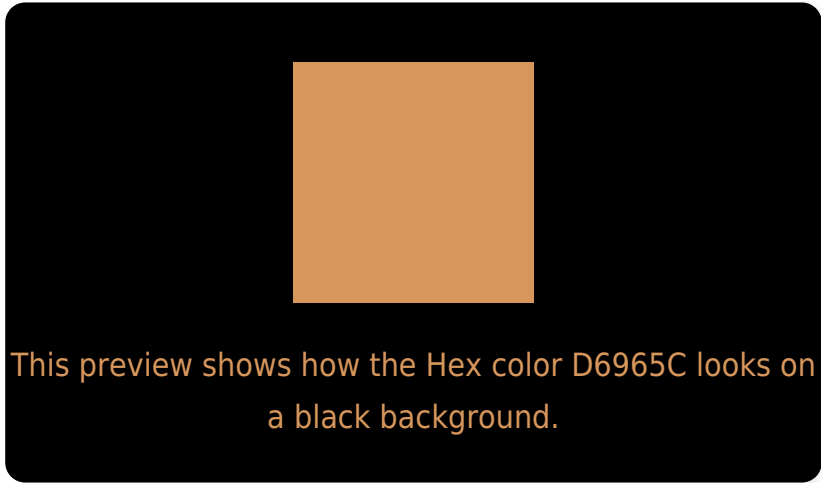
Large Text (above 18pt) WCAG AA × Fail

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 D6965C Background



This preview shows how black text looks on a background with the Hex color D6965C.



This preview shows how white text looks on a background with the Hex color D6965C.

# 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**  
D6965C

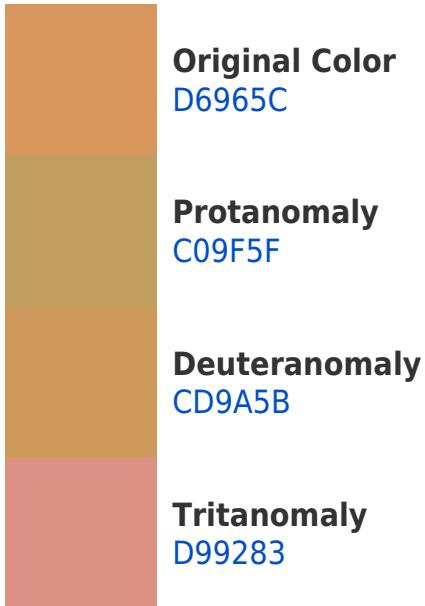
**Protanopia**  
B3A461

**Deuteranopia**  
C89C5B

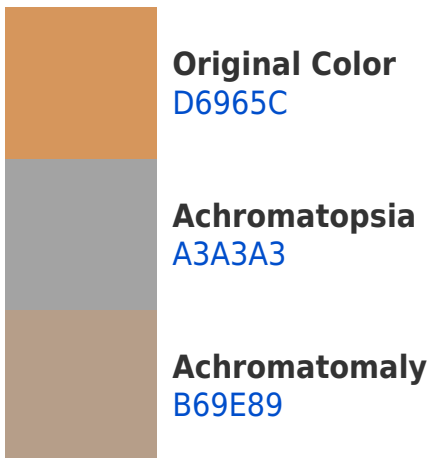


**Tritanopia**  
DB8F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6965C 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 #D6965C looks like.

```
.text, #text, p{  
    color:#D6965C  
}
```

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 #D6965C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6965C
}
```

## Border

The CSS property to change the border of an element to Hex D6965C 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
#D6965C }
```

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

```
.border{ border-color:#D6965C }
```

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

Here you see how a box with a 4 pixel #D6965C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6965C; -webkit-box-shadow:4px 4px  
4px 4px #D6965C; box-shadow:4px 4px 4px  
4px #D6965C }
```

# Background

The CSS property to change the background color of an element to Hex D6965C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6965C }
```

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

```
.background{ background-color:#D6965C }
```

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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