

# Converting Colors

Hex(D5AE5C)

Have a look what the booklet for  
Hex(D5AE5C) contains.

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# **Color**

**Hex(D5AE5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5AE5C
RGB	213, 174, 92
RGB Percent	84%, 68%, 36%
CMY	0.1647, 0.3176, 0.6392
CMYK	0.00, 0.18, 0.57, 0.16
HSL	41°, 59%, 60%
HSV	41°, 57%, 84%
XYZ	44.5084, 45.1909, 16.5021
YIQ	176.3130, 49.5660, -17.2340

# Conversions

## Conversions Part 2

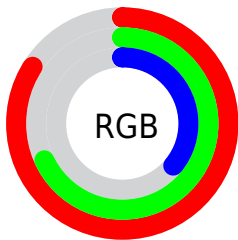
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 213, 92
Decimal	14003804
CIELab	73.02, 4.58, 46.85
CIELCh	73, 47.069, 84.419
Yxy	45.1909, 0.4191, 0.4255
Android (android.graphics.Color)	4292193884 (0xFFD5AE5C)
YUV	176.3130, -41.5663, 32.1745
Hunter-Lab	67.2242, 0.5405, 32.5025

# Details

The Hex color **D5AE5C** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5C83D5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE590**, and **9B7A2A** is the 20% darker color. If you saturate the color by 10%, you get **D5A747**, and if you desaturate by 10%, it is **D5B571**.

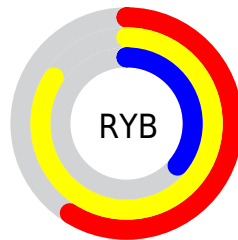
# Distribution



Red (84%)

Green (68%)

Blue (36%)



Red (59%)

Yellow (84%)

Blue (36%)

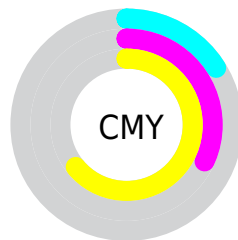


Cyan (0%)

Magenta (18%)

Yellow (57%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5AE5C 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 D5AE5C by changing the saturation by 10% instead.



 D5AE5C

FFFFFF

 FFE590

 FFFFAB

 FFFFC7

 FFFFFE4

 D5AE5C

 D5AE5C

 B89443

 9B7A2A

 80610E

 644A00

 4A3300

 301E00

 170700

 000000

 D5AE5C

 D5A747

 D5B571

 D5A031

 D5BC87

 D5991C

 D5C39C

 D59307

 D5C9B1

 D59000

 D5D0C7

 D5D7DC

 D5DEF1

 D5E5FF

 D5ECFF

# Harmonies

## Analogous

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



F59F6E



D5AE5C



AABB62

# Triad

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



D5AE5C



00C9D5



E19BE6

# Complementary

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



D5AE5C



5C83D5

# 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.



ABABFF



D5AE5C



00C4F8

# Square

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



D5AE5C



2AC9A9



5ABAFF



FF91BD

# Rectangle

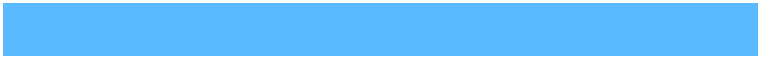
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5AE5C



89C274



5ABAFF



D2A0F1

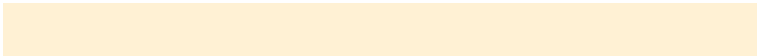


# Sweetspot

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



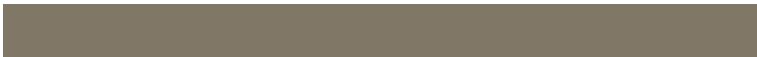
D5AE5C



FFF1D4



D55C84



807766



000000



808080



# Same Dimension

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



D5AE5C



FFC752



C1D55C



6B6860



AB7400



2B1D00



# Inverse Universe

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



5C83D5



5289FF



705CD5



60646B



0037AB



000E2B



# Previews

## White Background



This preview shows how the Hex color D5AE5C looks on a white background.

## Color Contrast Check

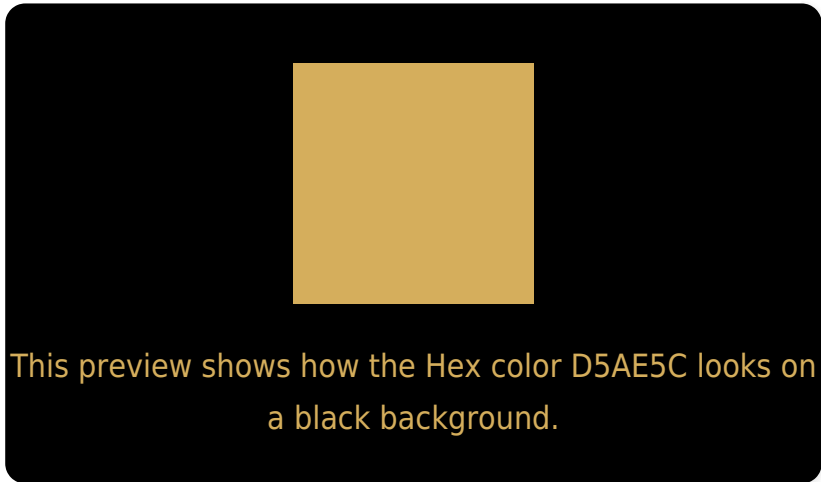
Large Text (above 18pt) WCAG AA × Fail

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 D5AE5C Background



This preview shows how black text looks on a background with the Hex color D5AE5C.

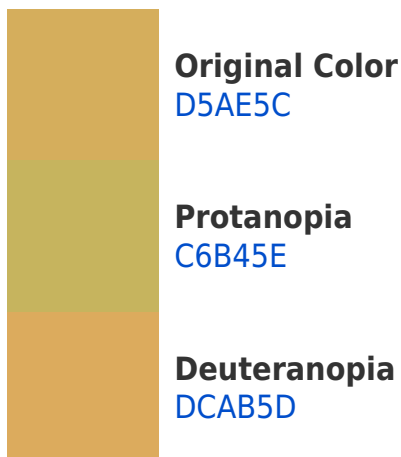


This preview shows how white text looks on a background with the Hex color D5AE5C.

# 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](#).

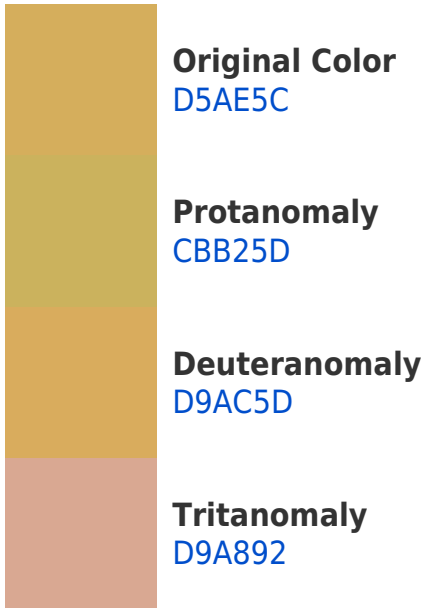
## Dichromacy





**Tritanopia**  
DCA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5AE5C 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 #D5AE5C looks like.

```
.text, #text, p{  
    color:#D5AE5C  
}
```

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 #D5AE5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AE5C
}
```

## Border

The CSS property to change the border of an element to Hex D5AE5C 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
#D5AE5C }
```

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

```
.border{ border-color:#D5AE5C }
```

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

Here you see how a box with a 4 pixel #D5AE5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AE5C; -webkit-box-shadow:4px 4px  
4px 4px #D5AE5C; box-shadow:4px 4px 4px  
4px #D5AE5C }
```

# Background

The CSS property to change the background color of an element to Hex D5AE5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AE5C }
```

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

```
.background{ background-color:#D5AE5C }
```

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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