

# Converting Colors

Hex(D5A956)

Have a look what the booklet for  
Hex(D5A956) contains.

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# **Color**

**Hex(D5A956)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D5A956                      |
| RGB         | 213, 169, 86                |
| RGB Percent | 84%, 66%, 34%               |
| CMY         | 0.1647, 0.3373, 0.6627      |
| CMYK        | 0.00, 0.21, 0.60, 0.16      |
| HSL         | 39°, 60%, 59%               |
| HSV         | 39°, 60%, 84%               |
| XYZ         | 43.3083, 43.1940, 14.8588   |
| YIQ         | 172.6940, 52.8670, -16.4850 |

# Conversions

## Conversions Part 2

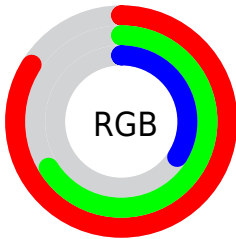
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">153, 213, 86</a>                                 |
| Decimal                             | <a href="#">14002518</a>                                     |
| CIELab                              | <a href="#">71.69, 6.79, 48.21</a>                           |
| CIELCh                              | <a href="#">72, 48.691, 81.980</a>                           |
| Yxy                                 | <a href="#">43.1940, 0.4273, 0.4261</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4292192598</a><br>( <a href="#">0xFFD5A956</a> ) |
| YUV                                 | <a href="#">172.6940, -42.7401, 35.3484</a>                  |
| Hunter-Lab                          | <a href="#">65.7221, 2.6107, 32.6009</a>                     |

# Details

The Hex color **D5A956** 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 **5682D5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE08A**, and **9B7523** is the 20% darker color. If you saturate the color by 10%, you get **D5A241**, and if you desaturate by 10%, it is **D5B06B**.

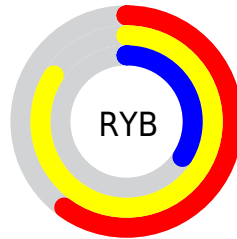
# Distribution



Red (84%)

Green (66%)

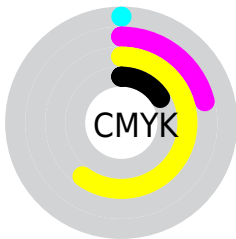
Blue (34%)



Red (60%)

Yellow (84%)

Blue (34%)

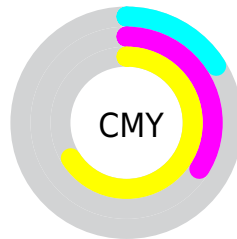


Cyan (0%)

Magenta (21%)

Yellow (60%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5A956 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 D5A956 by changing the saturation by 10% instead.



 D5A956

 D5A956

FFFFFF

 B88F3D

 FFE08A

 9B7523

 FFFDA5

 7F5D04

 FFFFC1

 644500

 FFFFDD

 492F00

 FFFFFA

 2F1B00

 160100

 000000

 D5A956

 D5A956

 D5A241

 D5B06B

 D59A2B

 D5B881

 D59316

 D5BF96

 D58B01

 D5C7AB

 D58B00

 D5CEC1

 D5D5D6

 D5DDEB

 D5E4FF

 D5EBFF

# Harmonies

## Analogous

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



F5996B



D5A956



AAB75A

# Triad

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



D5A956



00C6CF



DB98E7

# Complementary

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



D5A956



5682D5

# 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.



A1A9FF



D5A956



00C2F5

# Square

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



D5A956



21C6A2



44B8FF



FC8CBD

# Rectangle

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



D5A956



88BE6B



44B8FF



CB9DF2



# Sweetspot

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



D5A956



FFEFD1



D55682



807663



000000



808080



# Same Dimension

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



D5A956



FFBF47



C2D556



6B6760



AB7000



2B1C00



# Inverse Universe

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



5682D5



4787FF



6956D5



60646B



003BAB



000F2B



# Previews

## White Background



This preview shows how the Hex color D5A956 looks on a white background.

## Color Contrast Check

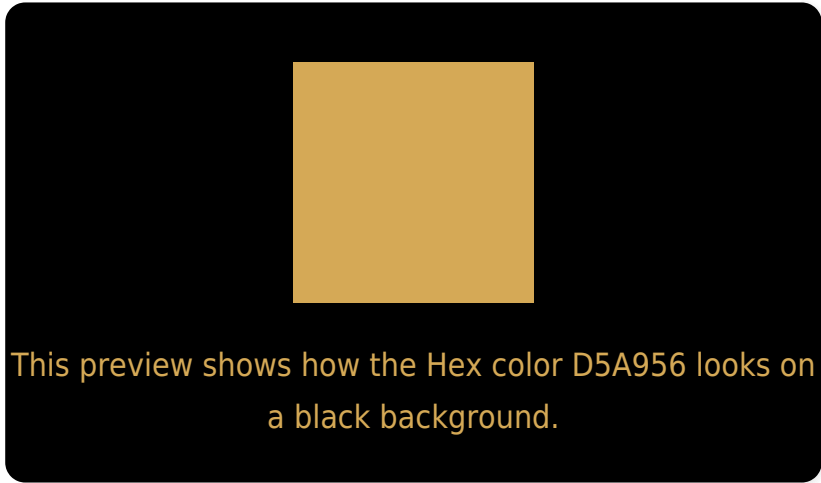
Large Text (above 18pt) WCAG AA × Fail

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 D5A956 Background



This preview shows how black text looks on a background with the Hex color D5A956.



This preview shows how white text looks on a background with the Hex color D5A956.

# 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**  
D5A956

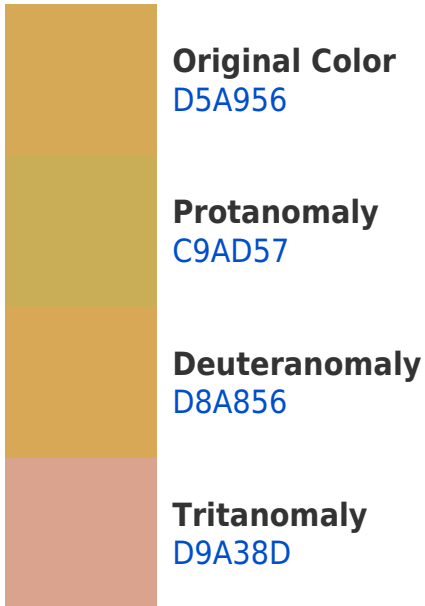
**Protanopia**  
C2B058

**Deuteranopia**  
D9A756

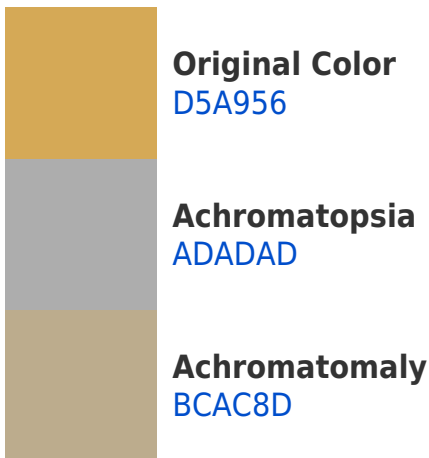


**Tritanopia**  
DC9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5A956 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 #D5A956 looks like.

```
.text, #text, p{  
    color:#D5A956  
}
```

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 #D5A956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5A956
}
```

## Border

The CSS property to change the border of an element to Hex D5A956 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
#D5A956 }
```

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

```
.border{ border-color:#D5A956 }
```

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

Here you see how a box with a 4 pixel #D5A956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5A956; -webkit-box-shadow:4px 4px  
4px 4px #D5A956; box-shadow:4px 4px 4px  
4px #D5A956 }
```

# Background

The CSS property to change the background color of an element to Hex D5A956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5A956 }
```

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

```
.background{ background-color:#D5A956 }
```

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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