

Converting Colors

Hex(D5AB5E)

Have a look what the booklet for
Hex(D5AB5E) contains.

Hex(D5AB5E)	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(D5AB5E)

Conversions

Conversions Part 1

Format	Color
Hex	D5AB5E
RGB	213, 171, 94
RGB Percent	84%, 67%, 37%
CMY	0.1647, 0.3294, 0.6314
CMYK	0.00, 0.20, 0.56, 0.16
HSL	39°, 59%, 60%
HSV	39°, 56%, 84%
XYZ	44.0239, 44.0801, 16.7777
YIQ	174.7800, 49.7490, -15.0430

Conversions

Conversions Part 2

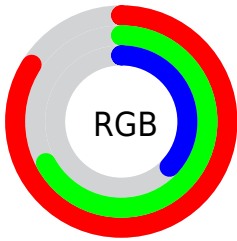
Format	Color
RYB	159, 213, 94
Decimal	14003038
CIELab	72.28, 6.33, 44.99
CIELCh	72, 45.431, 81.986
Yxy	44.0801, 0.4197, 0.4203
Android (android.graphics.Color)	4292193118 (0xFFD5AB5E)
YUV	174.7800, -39.8245, 33.5189
Hunter-Lab	66.3929, 2.1725, 31.4922

Details

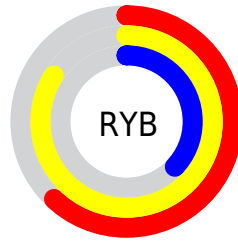
The Hex color **D5AB5E** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5E88D5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE292**, and **9B772C** is the 20% darker color. If you saturate the color by 10%, you get **D5A349**, and if you desaturate by 10%, it is **D5B373**.

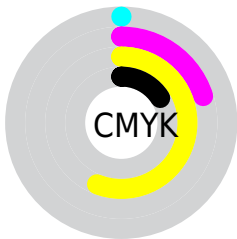
Distribution



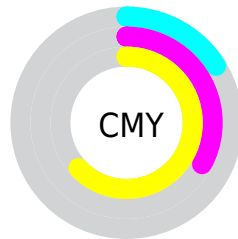
- Red (84%)
- Green (67%)
- Blue (37%)



- Red (62%)
- Yellow (84%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5AB5E 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 D5AB5E by changing the saturation by 10% instead.

 D5AB5E

 D5AB5E

FFFFFF

 B89145

 FFE292

 9B772C

 FFFFAD

 805E12

 FFFFC9

 644700

 FFFFE6

 4A3100

 301C00

 180300

 000000

 D5AB5E

 D5AB5E

 D5A349

 D5B373

 D59C33

 D5BA89

 D5941E

 D5C29E

 D58D09

 D5C9B3

 D58A00

 D5D1C9

 D5D8DE

 D5E0F3

 D5E7FF

 D5EFFF

Harmonies

Analogous

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



F39C71



D5AB5E



ADB862

Triad

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



D5AB5E



00C7CF



DA9BE5

Complementary

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



D5AB5E



5E88D5

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.



A4ABFE



D5AB5E



00C2F2

Square

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



D5AB5E



3AC6A4



56B9FF



F991BE

Rectangle

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



D5AB5E



8DBF72



56B9FF



CBA0EF

Sweetspot

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



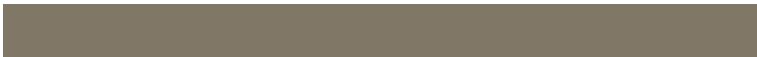
D5AB5E



FFF0D4



D55E8A



807766



000000



808080

Same Dimension

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



D5AB5E



FFC354



C5D55E



6B6760



AB6F00



2B1C00

Inverse Universe

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



5E88D5



5490FF



6E5ED5



60646B



003CAB



000F2B

Previews

White Background



This preview shows how the Hex color D5AB5E looks on a white background.

Color Contrast Check

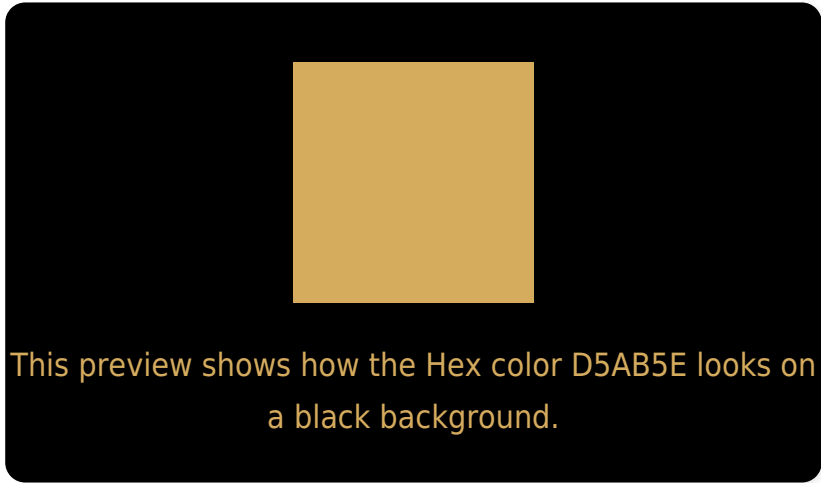
Large Text (above 18pt) WCAG AA × Fail

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 D5AB5E Background



This preview shows how black text looks on a background with the Hex color D5AB5E.



This preview shows how white text looks on a background with the Hex color D5AB5E.

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

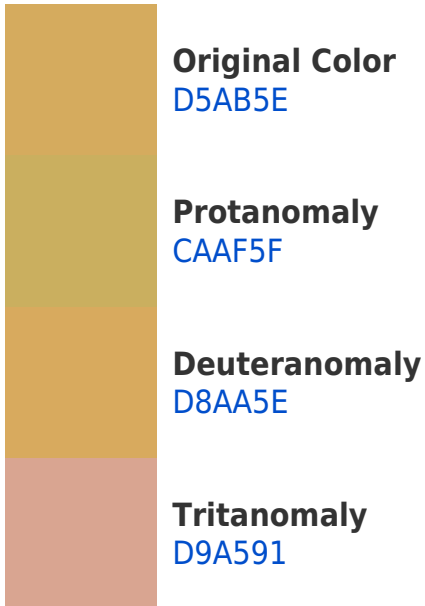


Original Color
D5AB5E

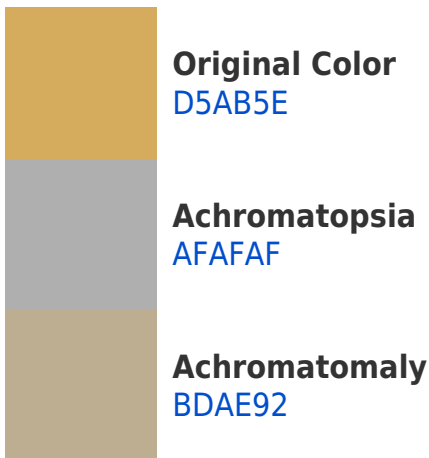
Protanopia
C3B260

Deuteranopia
D9A95E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5AB5E 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 #D5AB5E looks like.

```
.text, #text, p{  
    color:#D5AB5E  
}
```

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 #D5AB5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AB5E
}
```

Border

The CSS property to change the border of an element to Hex D5AB5E 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
#D5AB5E }
```

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

```
.border{ border-color:#D5AB5E }
```

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

Here you see how a box with a 4 pixel #D5AB5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AB5E; -webkit-box-shadow:4px 4px  
4px 4px #D5AB5E; box-shadow:4px 4px 4px  
4px #D5AB5E }
```

Background

The CSS property to change the background color of an element to Hex D5AB5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AB5E }
```

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

```
.background{ background-color:#D5AB5E }
```

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