

Converting Colors

Hex(D09E5E)

Have a look what the booklet for
Hex(D09E5E) contains.

Hex(D09E5E)	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(D09E5E)

Conversions

Conversions Part 1

Format	Color
Hex	D09E5E
RGB	208, 158, 94
RGB Percent	82%, 62%, 37%
CMY	0.1843, 0.3804, 0.6314
CMYK	0.00, 0.24, 0.55, 0.18
HSL	34°, 55%, 59%
HSV	34°, 55%, 82%
XYZ	40.2597, 38.6718, 15.9322
YIQ	165.6540, 50.3440, -9.3040

Conversions

Conversions Part 2

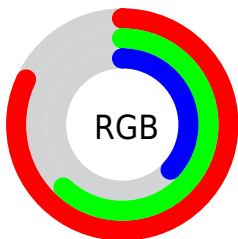
Format	Color
R_{YB}	183, 208, 94
Decimal	13672030
CIE Lab	68.51, 11.22, 40.32
CIE LCh	69, 41.854, 74.445
Yxy	38.6718, 0.4244, 0.4077
Android (android.graphics.Color)	4291862110 (0xFFD09E5E)
YUV	165.6540, -35.3254, 37.1374
Hunter-Lab	62.1866, 6.7344, 28.3406

Details

The Hex color **D09E5E** 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 **5E90D0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD592**, and **976B2D** is the 20% darker color. If you saturate the color by 10%, you get **D09549**, and if you desaturate by 10%, it is **D0A773**.

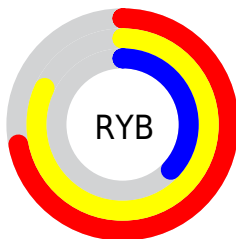
Distribution



Red (82%)

Green (62%)

Blue (37%)



Red (72%)

Yellow (82%)

Blue (37%)

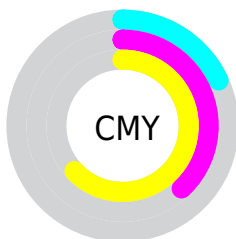


Cyan (0%)

Magenta (24%)

Yellow (55%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color D09E5E 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 D09E5E by changing the saturation by 10% instead.

 D09E5E

 D09E5E

FFFFFF

 B38445

 FFD592

 976B2D

 FFF1AD

 7B5315

 FFFFC8

 603C00

 FFFFE5

 462600

 2C1200

 0C0000

 000000

 D09E5E

 D09E5E

 D09549

 D0A773

 D08C34

 D0B088

 D08320

 D0B99C

 D07A0B

 D0C2B1

 D07500

 D0CCC6

 D0D5DB

 D0DEF0

 D0E7FF

 D0F0FF

Harmonies

Analogous

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



E89174



D09E5E



ADAB5C

Triad

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



D09E5E



00BBB9



C296DD

Complementary

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



D09E5E



5E90D0

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.



8CA5F0



D09E5E



00B8DB

Square

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



D09E5E



4FBA92



41B1EF



E48BBC

Rectangle

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



D09E5E



92B167



41B1EF



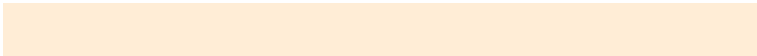
B29BE6

Sweetspot

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



D09E5E



FFEDD6



D05E91



807567



000000



808080

Same Dimension

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



D09E5E



FFB557



CAD05E



69645E



A85E00



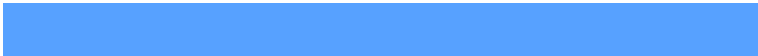
291700

Inverse Universe

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



5E90D0



57A1FF



645ED0



5E6369



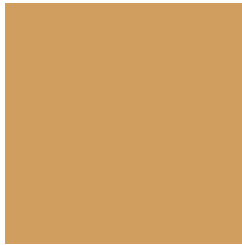
004AA8



001229

Previews

White Background



This preview shows how the Hex color D09E5E looks on a white background.

Color Contrast Check

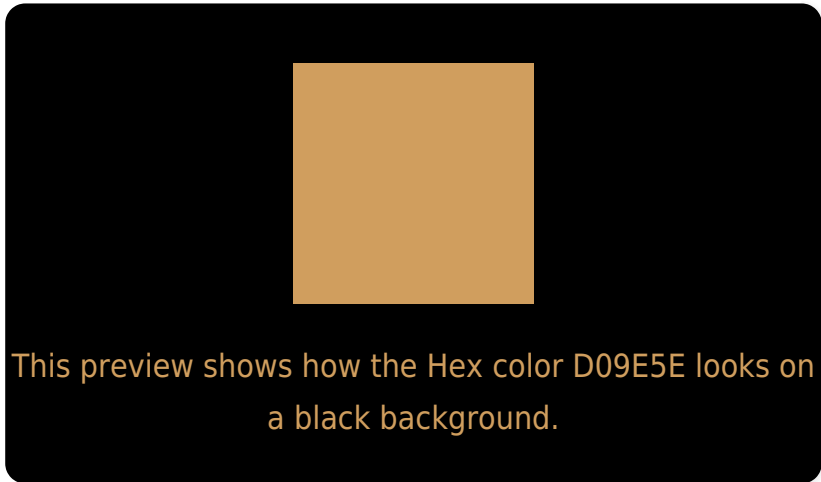
Large Text (above 18pt) WCAG AA × Fail

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

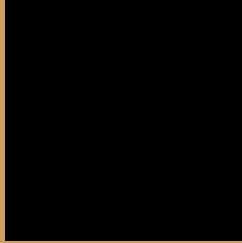
Any Text WCAG AA ✓ Pass

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 D09E5E Background



This preview shows how black text looks on a background with the Hex color D09E5E.



This preview shows how white text looks on a background with the Hex color D09E5E.

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
D09E5E

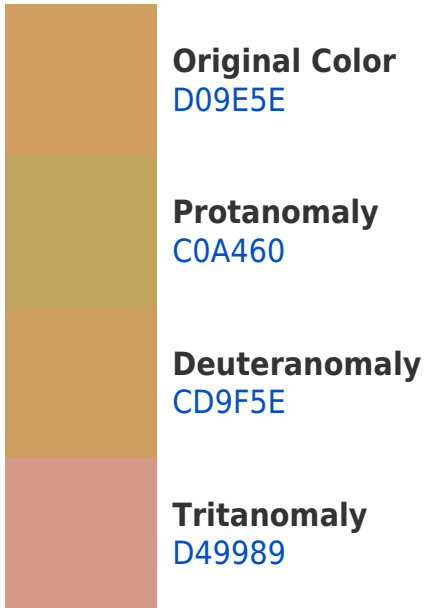
Protanopia
B7A761

Deuteranopia
CCA05E



Tritanopia
D696A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D09E5E 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 #D09E5E looks like.

```
.text, #text, p{  
    color:#D09E5E  
}
```

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 #D09E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09E5E
}
```

Border

The CSS property to change the border of an element to Hex D09E5E 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
#D09E5E }
```

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

```
.border{ border-color:#D09E5E }
```

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

Here you see how a box with a 4 pixel #D09E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09E5E; -webkit-box-shadow:4px 4px  
4px 4px #D09E5E; box-shadow:4px 4px 4px  
4px #D09E5E }
```

Background

The CSS property to change the background color of an element to Hex D09E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09E5E }
```

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

```
.background{ background-color:#D09E5E }
```

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