

Converting Colors

Hex(D98B55)

Have a look what the booklet for
Hex(D98B55) contains.

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Color

Hex(D98B55)

Conversions

Conversions Part 1

Format	Color
Hex	D98B55
RGB	217, 139, 85
RGB Percent	85%, 55%, 33%
CMY	0.1490, 0.4549, 0.6667
CMYK	0.00, 0.36, 0.61, 0.15
HSL	25°, 63%, 59%
HSV	25°, 61%, 85%
XYZ	39.4876, 33.8728, 13.0512
YIQ	156.1660, 63.8220, -0.2580

Conversions

Conversions Part 2

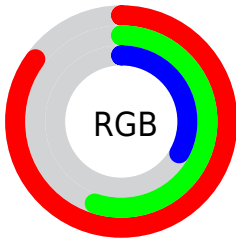
Format	Color
RYB	217, 176, 85
Decimal	14256981
CIELab	64.86, 24.55, 40.81
CIELCh	65, 47.619, 58.971
Yxy	33.8728, 0.4570, 0.3920
Android (android.graphics.Color)	4292447061 (0xFFD98B55)
YUV	156.1660, -35.0848, 53.3514
Hunter-Lab	58.2004, 19.2574, 27.4447

Details

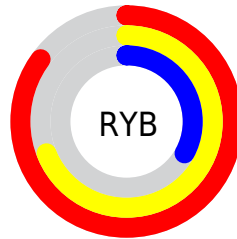
The Hex color **D98B55** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **55A3D9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC188**, and **9E5825** is the 20% darker color. If you saturate the color by 10%, you get **D97E3F**, and if you desaturate by 10%, it is **D9986B**.

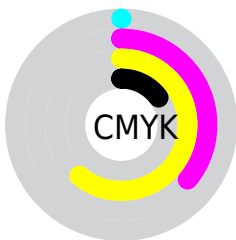
Distribution



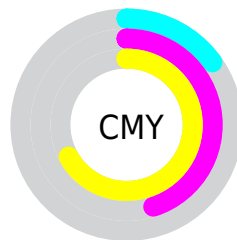
- Red (85%)
- Green (55%)
- Blue (33%)



- Red (85%)
- Yellow (69%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (61%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D98B55 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 D98B55 by changing the saturation by 10% instead.

 D98B55

 D98B55

FFFFFF

 BB713D

 FFC188

 9E5825

 FFDDA3

 81400C

 FFFABE

 652900

 FFFFDA

 491300

 FFFFF7

 2F0000

 060000

 000000

 D98B55

 D98B55

 D97E3F

 D9986B

 D9712A

 D9A580

 D96514

 D9B196

 D95900

 D9BEAC

 D9CBC2

 D9D8D7

 D9E5ED

 D9F2FF

 D9FEFF

Harmonies

Analogous

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



EC7D76



D98B55



B89B45

Triad

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



D98B55



00B39A



9E93E8

Complementary

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



D98B55



55A3D9

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.



4BA2F2



D98B55



00B2C5

Square

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



D98B55



57AF70



00ADE5



D183CA

Rectangle

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



D98B55



9CA349



00ADE5



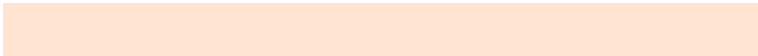
8798EE

Sweetspot

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



D98B55



FFE4D1



D955A4



806F63



000000



808080

Same Dimension

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



D98B55



FF9145



D9CC55



6E6763



AD4700



2E1300

Inverse Universe

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



55A3D9



45B3FF



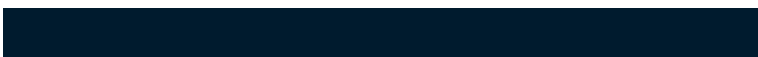
5562D9



63696E



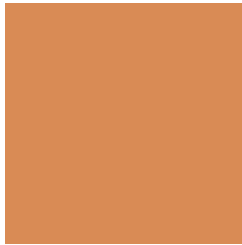
0066AD



001B2E

Previews

White Background



This preview shows how the Hex color D98B55 looks on a white background.

Color Contrast Check

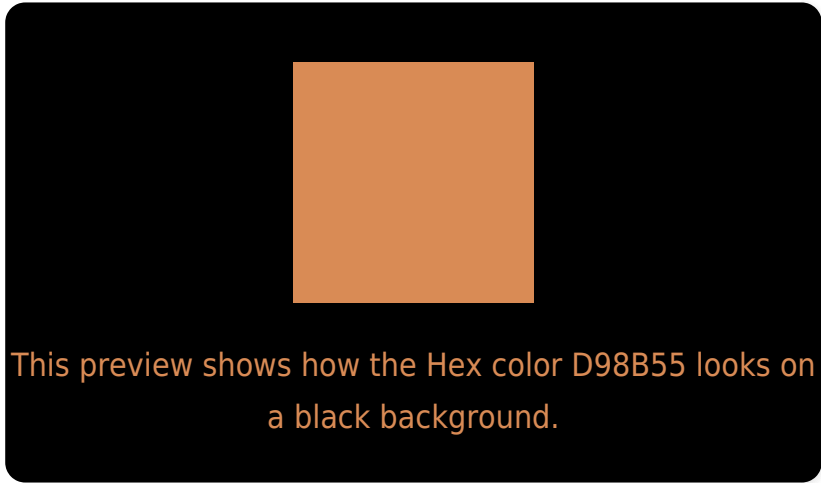
Large Text (above 18pt) WCAG AA × Fail

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

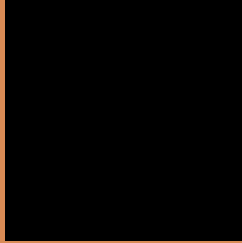
Any Text WCAG AA ✓ Pass

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 D98B55 Background



This preview shows how black text looks on a background with the Hex color D98B55.

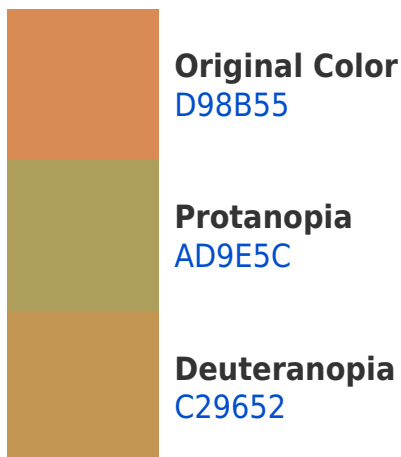


This preview shows how white text looks on a background with the Hex color D98B55.

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](#).

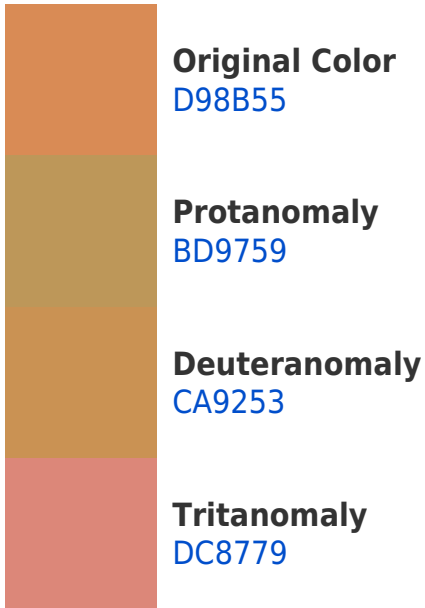
Dichromacy





Tritanopia
DD848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D98B55 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 #D98B55 looks like.

```
.text, #text, p{  
    color:#D98B55  
}
```

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 #D98B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98B55 }  
}
```

Border

The CSS property to change the border of an element to Hex D98B55 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 #D98B55 }  
}
```

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

```
.border{ border-color:#D98B55 }
```

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

Here you see how a box with a 4 pixel #D98B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98B55; -webkit-box-shadow:4px 4px  
4px 4px #D98B55; box-shadow:4px 4px 4px  
4px #D98B55 }
```

Background

The CSS property to change the background color of an element to Hex D98B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98B55 }
```

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

```
.background{ background-color:#D98B55 }
```

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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