

Converting Colors

Hex(DB9D55)

Have a look what the booklet for
Hex(DB9D55) contains.

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Color

Hex(DB9D55)

Conversions

Conversions Part 1

Format	Color
Hex	DB9D55
RGB	219, 157, 85
RGB Percent	86%, 62%, 33%
CMY	0.1412, 0.3843, 0.6667
CMYK	0.00, 0.28, 0.61, 0.14
HSL	32°, 65%, 60%
HSV	32°, 61%, 86%
XYZ	42.9101, 39.8299, 14.0207
YIQ	167.3300, 60.0640, -9.2480

Conversions

Conversions Part 2

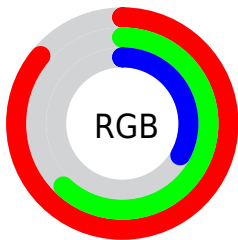
Format	Color
RYB	200, 219, 85
Decimal	14392661
CIELab	69.35, 15.69, 46.16
CIElCh	69, 48.751, 71.227
Yxy	39.8299, 0.4435, 0.4116
Android (android.graphics.Color)	4292582741 (0xFFDB9D55)
YUV	167.3300, -40.5887, 45.3146
Hunter-Lab	63.1109, 10.9208, 31.0058

Details

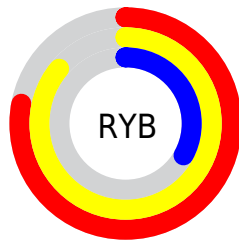
The Hex color **DB9D55** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5593DB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD489**, and **A06A23** is the 20% darker color. If you saturate the color by 10%, you get **DB933F**, and if you desaturate by 10%, it is **DBA76B**.

Distribution



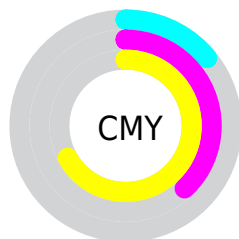
- Red (86%)
- Green (62%)
- Blue (33%)



- Red (78%)
- Yellow (86%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (61%)
- Black (14%)



- Cyan (14%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB9D55 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 DB9D55 by changing the saturation by 10% instead.

 DB9D55

 DB9D55

FFFFFF

 BD833C

 FFD489

 A06A23

 FFF0A4

 845207

 FFFFBF

 683A00

 FFFFDB

 4D2500

 FFFFF8

 321000

 1A0001

 000000

 DB9D55

 DB9D55

 DB933F

 DBA76B

 DB8929

 DBB181

 DB7F13

 DBBB97

 DB7600

 DBC6AD

 DBD0C3

 DBDAD8

 DBE4EE

 DBEEFF

 DBF8FF

Harmonies

Analogous

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



F58D71



DB9D55



B4AC50

Triad

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



DB9D55



00C0B9



C397EC

Complementary

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



DB9D55



5593DB

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.



7EA8FF



DB9D55



00BEE2

Square

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



DB9D55



42BE8B



00B6FC



ED89C7

Rectangle

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



DB9D55



95B45B



00B6FC



AF9DF5

Sweetspot

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



DB9D55



FFEAD1



DB5594



807363



000000



808080

Same Dimension

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



DB9D55



FFA945



D7DB55



6E6963



AD5D00



2E1900

Inverse Universe

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



5593DB



459BFF



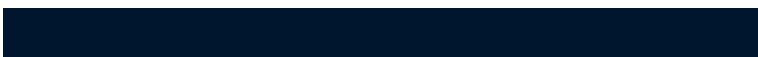
5955DB



63686E



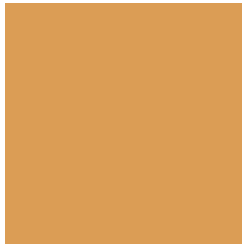
0050AD



00152E

Previews

White Background



This preview shows how the Hex color DB9D55 looks on a white background.

Color Contrast Check

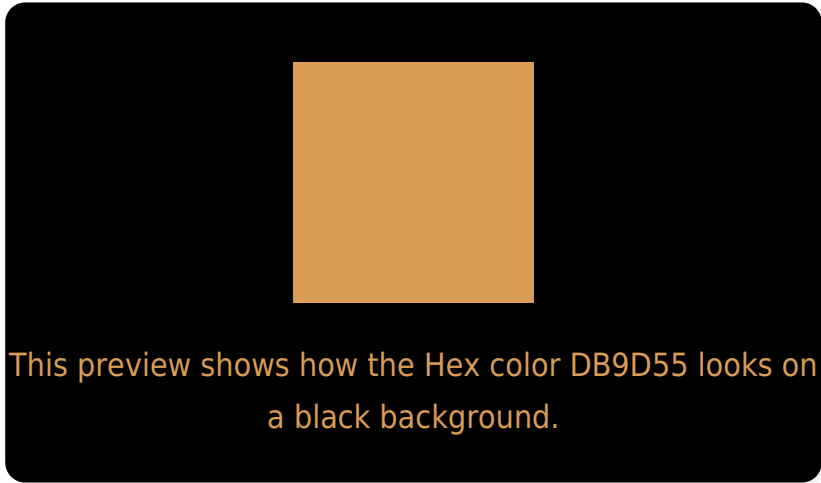
Large Text (above 18pt) WCAG AA × Fail

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

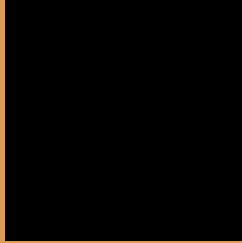
Any Text WCAG AA ✓ Pass

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 DB9D55 Background



This preview shows how black text looks on a background with the Hex color DB9D55.

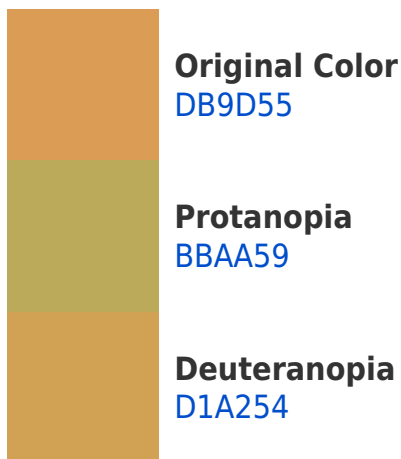


This preview shows how white text looks on a background with the Hex color DB9D55.

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](#).

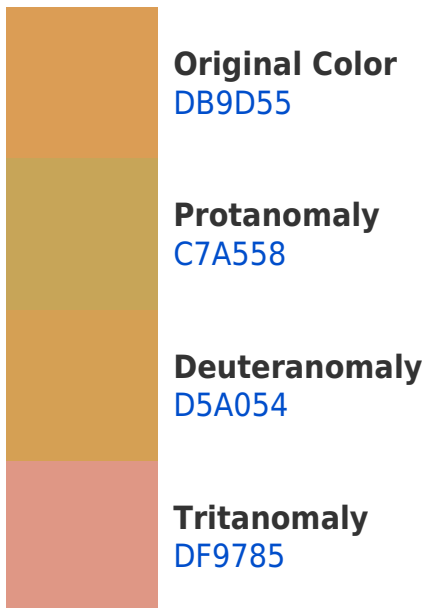
Dichromacy



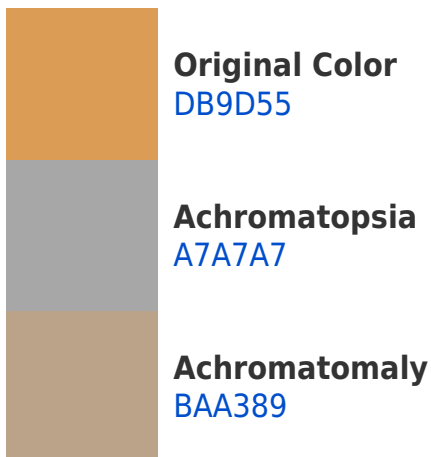


Tritanopia
E194A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB9D55 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 #DB9D55 looks like.

```
.text, #text, p{  
    color:#DB9D55  
}
```

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 #DB9D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9D55
}
```

Border

The CSS property to change the border of an element to Hex DB9D55 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
#DB9D55 }
```

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

```
.border{ border-color:#DB9D55 }
```

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

Here you see how a box with a 4 pixel #DB9D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9D55; -webkit-box-shadow:4px 4px  
4px 4px #DB9D55; box-shadow:4px 4px 4px  
4px #DB9D55 }
```

Background

The CSS property to change the background color of an element to Hex DB9D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9D55 }
```

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

```
.background{ background-color:#DB9D55 }
```

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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