

Converting Colors

Hex(DE9954)

Have a look what the booklet for
Hex(DE9954) contains.

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Color

Hex(DE9954)

Conversions

Conversions Part 1

Format	Color
Hex	DE9954
RGB	222, 153, 84
RGB Percent	87%, 60%, 33%
CMY	0.1294, 0.4000, 0.6706
CMYK	0.00, 0.31, 0.62, 0.13
HSL	30°, 68%, 60%
HSV	30°, 62%, 87%
XYZ	43.1157, 38.9522, 13.6336
YIQ	165.7650, 63.2730, -6.8310

Conversions

Conversions Part 2

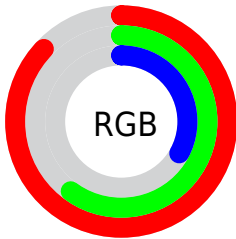
Format	Color
R _{YB}	222, 222, 84
Decimal	14588244
CIE Lab	68.72, 19.02, 46.01
CIE LCh	69, 49.784, 67.536
Yxy	38.9522, 0.4505, 0.4070
Android (android.graphics.Color)	4292778324 (0xFFDE9954)
YUV	165.7650, -40.3101, 49.3181
Hunter-Lab	62.4117, 14.0922, 30.7365

Details

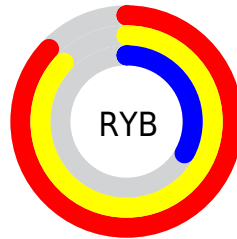
The Hex color **DE9954** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5499DE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCF88**, and **A36622** is the 20% darker color. If you saturate the color by 10%, you get **DE8E3E**, and if you desaturate by 10%, it is **DEA46A**.

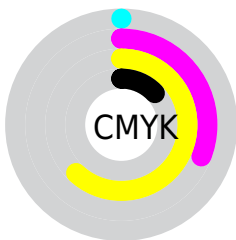
Distribution



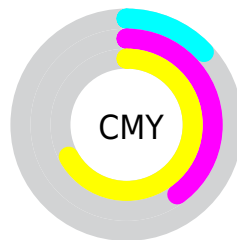
- Red (87%)
- Green (60%)
- Blue (33%)



- Red (87%)
- Yellow (87%)
- Blue (33%)



- Cyan (0%)
- Magenta (31%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9954 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 DE9954 by changing the saturation by 10% instead.

 DE9954

 DE9954

FFFFFF

 C07F3B

 FFCF88

 A36622

 FFECA2

 864E06

 FFFFBE

 6A3700

 FFFFDA

 4E2100

 FFFFF7

 340C00

 1B0001

 000000

 DE9954

 DE9954

 DE8E3E

 DEA46A

 DE8328

 DEAF80

 DE7811

 DEBA97

 DE6F00

 DEC5AD

 DED1C3

 DEDCD9

 DEE7EF

 DEF2FF

 DEFDFE

Harmonies

Analogous

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



F78973



DE9954



B7A94B

Triad

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



DE9954



00BFB2



BA97EF

Complementary

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



DE9954



5499DE

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.



6FA9FF



DE9954



00BDDD

Square

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



DE9954



47BC84



00B6FA



E887CB

Rectangle

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



DE9954



99B155



00B6FA



A59DF8

Sweetspot

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



DE9954



FFE7CF



DE5499



807162



000000



808080

Same Dimension

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



DE9954



FF9F40



DEDC54



706B65



B05800



301800

Inverse Universe

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



5499DE



409FFF



5454DE



656B70



0058B0



001830

Previews

White Background



This preview shows how the Hex color DE9954 looks on a white background.

Color Contrast Check

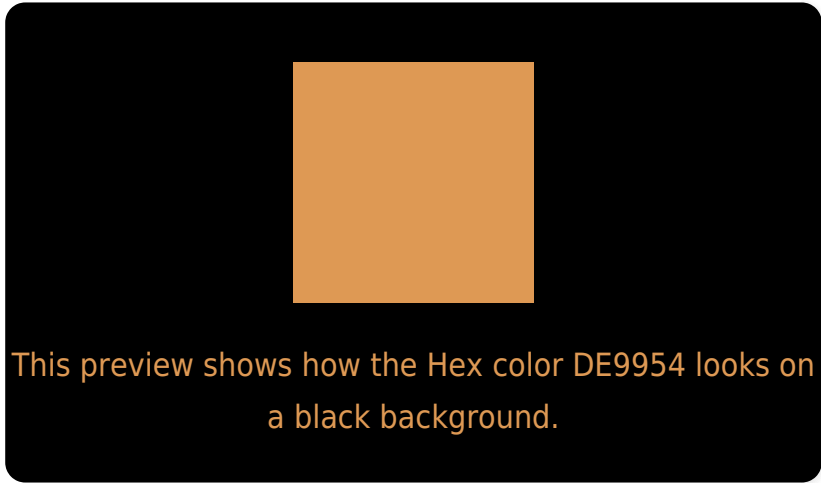
Large Text (above 18pt) WCAG AA × Fail

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

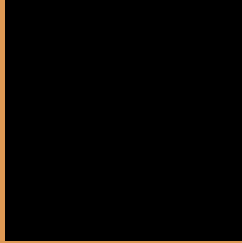
Any Text WCAG AA ✓ Pass

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 DE9954 Background



This preview shows how black text looks on a background with the Hex color DE9954.



This preview shows how white text looks on a background with the Hex color DE9954.

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
DE9954

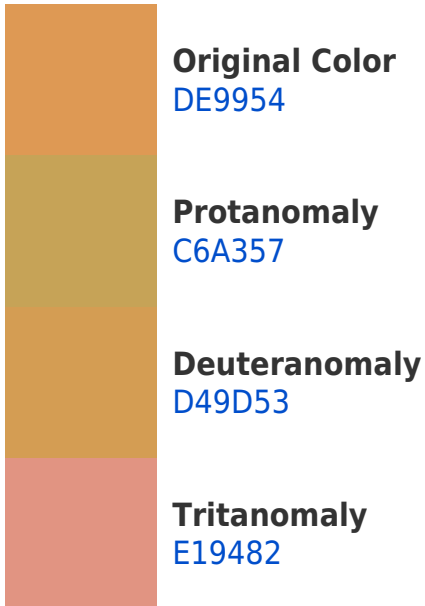
Protanopia
B9A859

Deuteranopia
CFA052

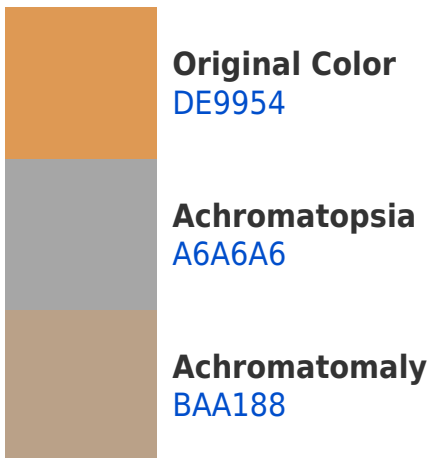


Tritanopia
E3919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE9954 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 #DE9954 looks like.

```
.text, #text, p{  
    color:#DE9954  
}
```

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 #DE9954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9954
}
```

Border

The CSS property to change the border of an element to Hex DE9954 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
#DE9954 }
```

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

```
.border{ border-color:#DE9954 }
```

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

Here you see how a box with a 4 pixel #DE9954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9954; -webkit-box-shadow:4px 4px  
4px 4px #DE9954; box-shadow:4px 4px 4px  
4px #DE9954 }
```

Background

The CSS property to change the background color of an element to Hex DE9954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9954 }
```

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

```
.background{ background-color:#DE9954 }
```

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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