

Converting Colors

Hex(DE9C45)

Have a look what the booklet for
Hex(DE9C45) contains.

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Color

Hex(DE9C45)

Conversions

Conversions Part 1

Format	Color
Hex	DE9C45
RGB	222, 156, 69
RGB Percent	87%, 61%, 27%
CMY	0.1294, 0.3882, 0.7294
CMYK	0.00, 0.30, 0.69, 0.13
HSL	34°, 70%, 57%
HSV	34°, 69%, 87%
XYZ	43.0868, 39.7362, 11.0292
YIQ	165.8160, 67.2630, -13.0650

Conversions

Conversions Part 2

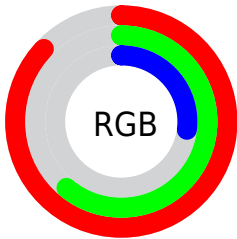
Format	Color
RYB	185, 222, 69
Decimal	14588997
CIELab	69.28, 16.50, 53.81
CIElCh	69, 56.280, 72.948
Yxy	39.7362, 0.4591, 0.4234
Android (android.graphics.Color)	4292779077 (0xFFDE9C45)
YUV	165.8160, -47.7303, 49.2734
Hunter-Lab	63.0367, 11.6943, 33.7520

Details

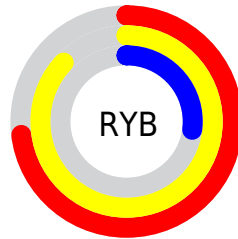
The Hex color **DE9C45** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4587DE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD279**, and **A2690D** is the 20% darker color. If you saturate the color by 10%, you get **DE922F**, and if you desaturate by 10%, it is **DEA65B**.

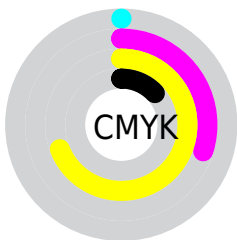
Distribution



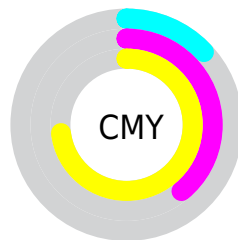
- Red (87%)
- Green (61%)
- Blue (27%)



- Red (73%)
- Yellow (87%)
- Blue (27%)



- Cyan (0%)
- Magenta (30%)
- Yellow (69%)
- Black (13%)



- Cyan (13%)
- Magenta (39%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9C45 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 DE9C45 by changing the saturation by 10% instead.

 DE9C45

 DE9C45

FFFFFF

 C0822B

 FFD279

 A2690D

 FFEF94

 855100

 FFFF4F

 693A00

 FFFF8B

 4D2400

 FFFF88

 330F00

 1A0001

 000000

 DE9C45

 DE9C45

 DE922F

 DEA65B

 DE8919

 DEAF71

 DE7F02

 DEB988

 DE7E00

 DEC29E

 DECCB4

 DED5CA

 DEDFE0

 DEE9F7

 DEF2FF

Harmonies

Analogous

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



FD8966



DE9C45



B1AD40

Triad

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



DE9C45



00C3BE



C993F4

Complementary

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



DE9C45



4587DE

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.



77A7FF



DE9C45



00C0ED

Square

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



DE9C45



00C189



00B7FF



F881C8

Rectangle

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



DE9C45



8DB64F



00B7FF



B29AFF

Sweetspot

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



DE9C45



FFE8C9



DE4587



807260



000000



808080

Same Dimension

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



DE9C45



FFA42B



D4DE45



706B65



B06400



301C00

Inverse Universe

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



4587DE



2B87FF



4F45DE



656A70



004CB0



001530

Previews

White Background



This preview shows how the Hex color DE9C45 looks on a white background.

Color Contrast Check

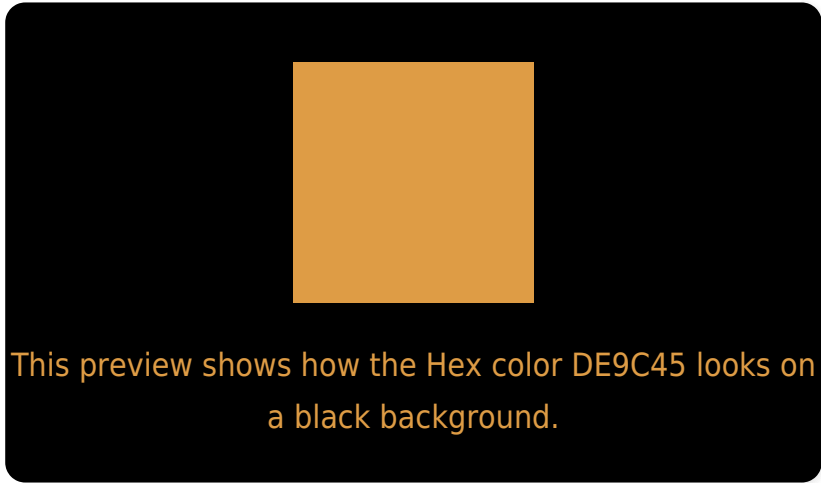
Large Text (above 18pt) WCAG AA × Fail

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 DE9C45 Background



This preview shows how black text looks on a background with the Hex color DE9C45.



This preview shows how white text looks on a background with the Hex color DE9C45.

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
DE9C45

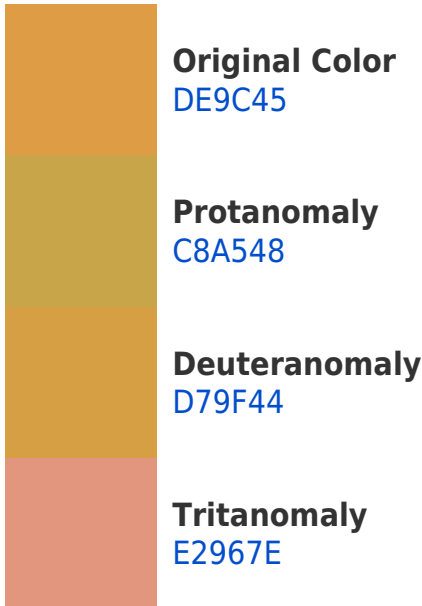
Protanopia
BCAA49

Deuteranopia
D3A144

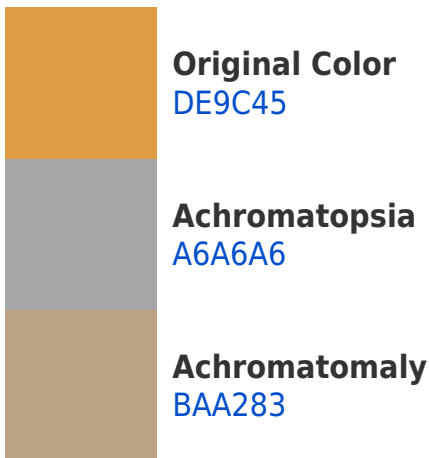


Tritanopia
E4939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE9C45 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 #DE9C45 looks like.

```
.text, #text, p{  
    color:#DE9C45  
}
```

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 #DE9C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9C45
}
```

Border

The CSS property to change the border of an element to Hex DE9C45 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
#DE9C45 }
```

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

```
.border{ border-color:#DE9C45 }
```

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

Here you see how a box with a 4 pixel #DE9C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9C45; -webkit-box-shadow:4px 4px  
4px 4px #DE9C45; box-shadow:4px 4px 4px  
4px #DE9C45 }
```

Background

The CSS property to change the background color of an element to Hex DE9C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9C45 }
```

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

```
.background{ background-color:#DE9C45 }
```

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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