

Converting Colors

Hex(DE9F26)

Have a look what the booklet for
Hex(DE9F26) contains.

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Color

Hex(DE9F26)

Conversions

Conversions Part 1

Format	Color
Hex	DE9F26
RGB	222, 159, 38
RGB Percent	87%, 62%, 15%
CMY	0.1294, 0.3765, 0.8510
CMYK	0.00, 0.28, 0.83, 0.13
HSL	39°, 74%, 51%
HSV	39°, 83%, 87%
XYZ	42.8722, 40.4658, 7.3848
YIQ	164.0430, 76.3890, -24.2750

Conversions

Conversions Part 2

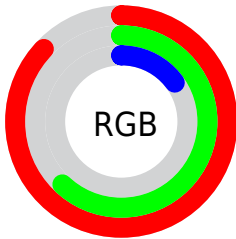
Format	Color
RYB	134, 222, 38
Decimal	14589734
CIELab	69.80, 13.63, 66.37
CIELCh	70, 67.754, 78.396
Yxy	40.4658, 0.4726, 0.4460
Android (android.graphics.Color)	4292779814 (0xFFDE9F26)
YUV	164.0430, -62.1392, 50.8283
Hunter-Lab	63.6127, 8.9788, 37.6460

Details

The Hex color **DE9F26** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2665DE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD55F**, and **A26C00** is the 20% darker color. If you saturate the color by 10%, you get **DE9710**, and if you desaturate by 10%, it is **DEA73C**.

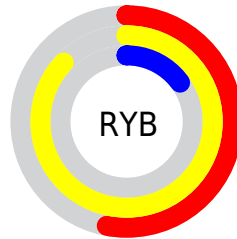
Distribution



Red (87%)

Green (62%)

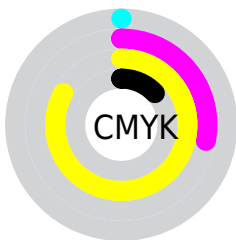
Blue (15%)



Red (53%)

Yellow (87%)

Blue (15%)

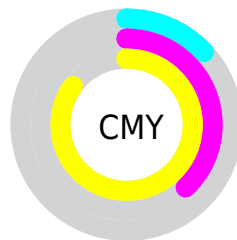


Cyan (0%)

Magenta (28%)

Yellow (83%)

Black (13%)



Cyan (13%)

Magenta (38%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9F26 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 DE9F26 by changing the saturation by 10% instead.

 DE9F26

 DE9F26

FFFFFF

 C08500

 FFD55F

 A26C00

 FFF27A

 845400

 FFFF96

 673D00

 FFFFB2

 4C2700

 FFFFCE

 311300

 FFFFEB

 1A0001

 000000

 DE9F26

 DE9F26

 DE9710

 DEA73C

 DE9200

 DEAE52

 DEB669

 DEBD7F

 DEC595

 DECDAB

 DED4C1

 DEDCD8

 DEE3EE

Harmonies

Analogous

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



FF8650



DE9F26



A6B326

Triad

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



DE9F26



00C8D0



DD89FD

Complementary

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



DE9F26



2665DE

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.



7DA4FF



DE9F26



00C4FF

Square

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



DE9F26



00C690



00B8FF



FF73C5

Rectangle

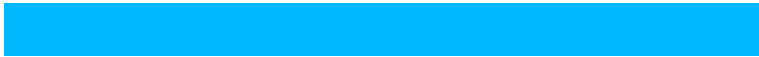
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DE9F26



78BC42



00B8FF



C393FF

Sweetspot

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



DE9F26



FFE9BF



DE2666



807259



000000



808080

Same Dimension

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



DE9F26



FFA903



C2DE26



706C65



B07400



302000

Inverse Universe

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



2665DE



0359FF



4226DE



656970



003CB0



001130

Previews

White Background



This preview shows how the Hex color DE9F26 looks on a white background.

Color Contrast Check

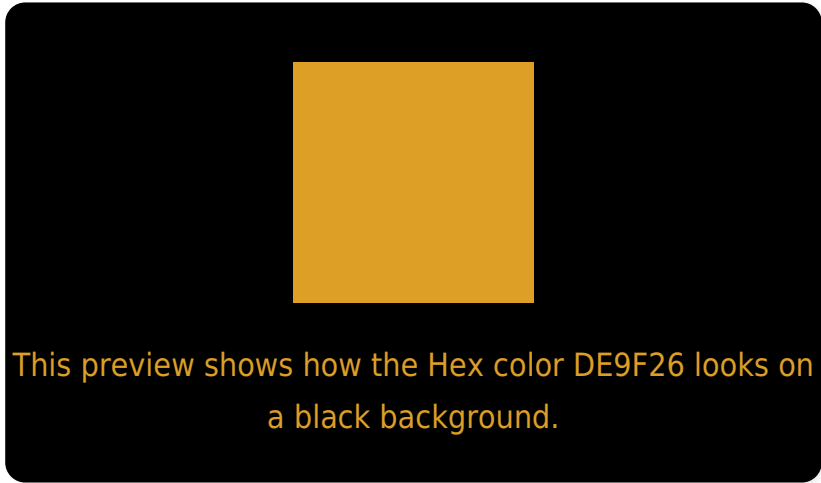
Large Text (above 18pt) WCAG AA × Fail

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 DE9F26 Background



This preview shows how black text looks on a background with the Hex color DE9F26.

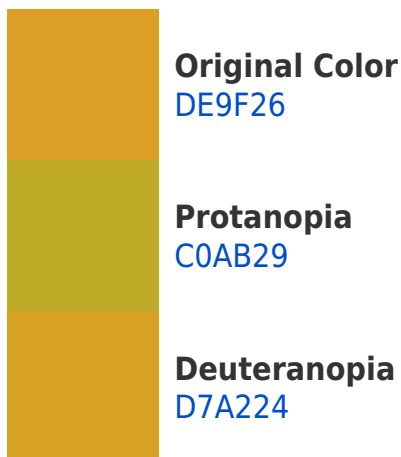


This preview shows how white text looks on a background with the Hex color DE9F26.

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](#).

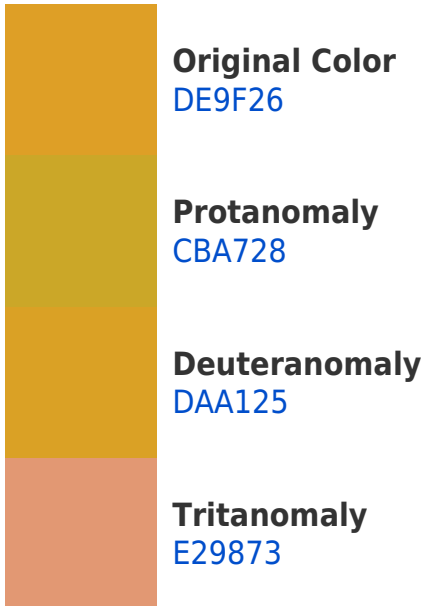
Dichromacy



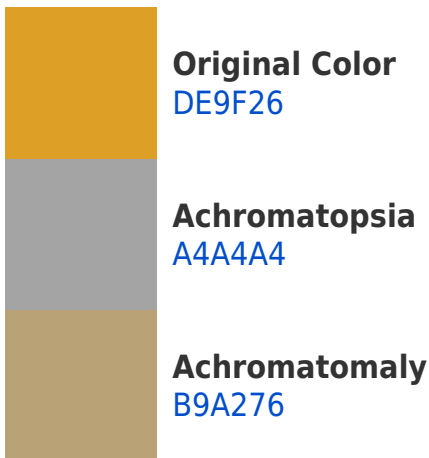


Tritanopia
E5949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE9F26 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 #DE9F26 looks like.

```
.text, #text, p{  
    color:#DE9F26  
}
```

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 #DE9F26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9F26  
}
```

Border

The CSS property to change the border of an element to Hex DE9F26 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  
#DE9F26 }
```

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

```
.border{ border-color:#DE9F26 }
```

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

Here you see how a box with a 4 pixel #DE9F26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9F26; -webkit-box-shadow:4px 4px  
4px 4px #DE9F26; box-shadow:4px 4px 4px  
4px #DE9F26 }
```

Background

The CSS property to change the background color of an element to Hex DE9F26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9F26 }
```

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

```
.background{ background-color:#DE9F26 }
```

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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