

# Converting Colors

Hex(D99A26)

Have a look what the booklet for  
Hex(D99A26) contains.

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# **Color**

**Hex(D99A26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D99A26
RGB	217, 154, 38
RGB Percent	85%, 60%, 15%
CMY	0.1490, 0.3961, 0.8510
CMYK	0.00, 0.29, 0.82, 0.15
HSL	39°, 70%, 50%
HSV	39°, 82%, 85%
XYZ	40.5207, 38.0029, 7.0333
YIQ	159.6130, 74.7840, -22.7200

# Conversions

## Conversions Part 2

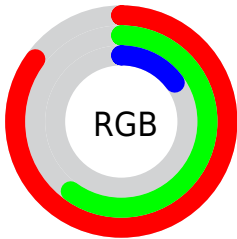
Format	Color
<a href="#">RYB</a>	<a href="#">135, 217, 38</a>
Decimal	<a href="#">14260774</a>
CIELab	<a href="#">68.02, 14.15, 64.62</a>
CIELCh	<a href="#">68, 66.150, 77.652</a>
Yxy	<a href="#">38.0029, 0.4736, 0.4442</a>
Android (android.graphics.Color)	<a href="#">4292450854 (0xFFD99A26)</a>
YUV	<a href="#">159.6130, -59.9552, 50.3284</a>
Hunter-Lab	<a href="#">61.6465, 9.4482, 36.3880</a>

# Details

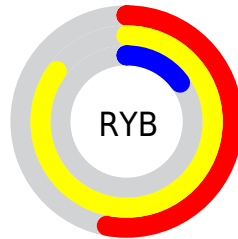
The Hex color **D99A26** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2665D9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD05E**, and **9D6700** is the 20% darker color. If you saturate the color by 10%, you get **D99210**, and if you desaturate by 10%, it is **D9A23C**.

# Distribution



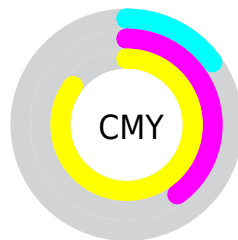
- Red (85%)
- Green (60%)
- Blue (15%)



- Red (53%)
- Yellow (85%)
- Blue (15%)



- Cyan (0%)
- Magenta (29%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D99A26 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 D99A26 by changing the saturation by 10% instead.



 D99A26

 D99A26

FFFFFF

 BB8000

 FFD05E

 9D6700

 FFEC79

 804F00

 FFFF95

 633800

 FFFF80

 472300

 FFFFC0

 2D0F00

 FFFF90

 0E0000

 000000

 D99A26

 D99A26

 D99210

 D9A23C

 D98D00

 D9A951

 D9B167

 D9B97D

 D9C093

 D9C8A8

 D9CFBE

 D9D7D4

 D9DFE9

# Harmonies

## Analogous

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



FF824F



D99A26



A3AE25

# Triad

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



D99A26



00C2C8



D586F7

# Complementary

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



D99A26



2665D9

# 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.



76A0FF



D99A26



00BEFD

# Square

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



D99A26



00C18A



00B4FF



FF70C1

# Rectangle

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



D99A26



77B73F



00B4FF



BC8FFF



# Sweetspot

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



D99A26



FFE9BF



D92668



807259



000000



808080



# Same Dimension

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



D99A26



FFA603



C1D926



6E6A63



AD7000



2E1E00



# Inverse Universe

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



2665D9



035BFF



3E26D9



63676E



003DAD



00102E



# Previews

## White Background



This preview shows how the Hex color D99A26 looks on a white background.

## Color Contrast Check

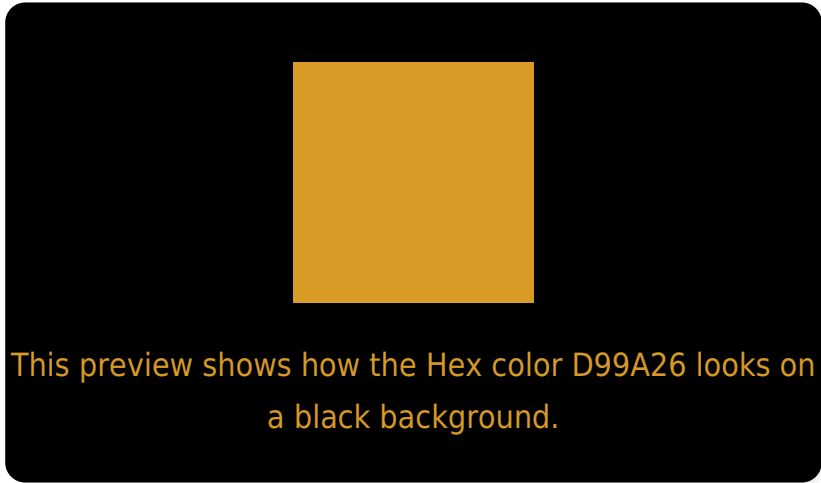
Large Text (above 18pt) WCAG AA × Fail

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 D99A26 Background



This preview shows how black text looks on a background with the Hex color D99A26.



This preview shows how white text looks on a background with the Hex color D99A26.

# 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**  
D99A26

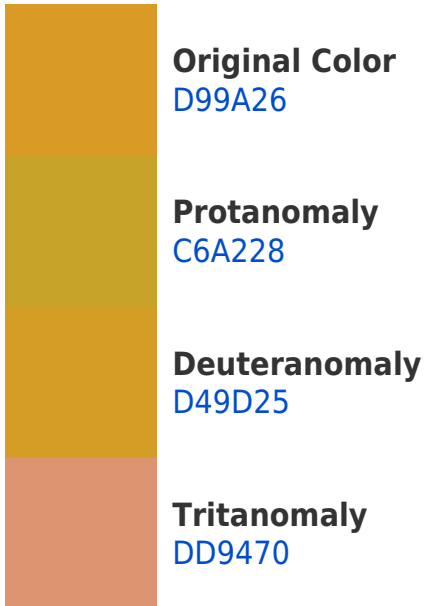
**Protanopia**  
BBA729

**Deuteranopia**  
D19E24

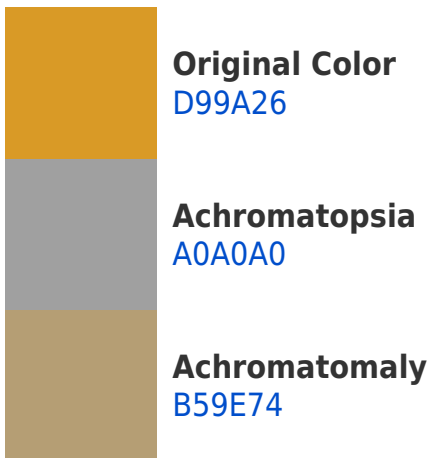


**Tritanopia**  
E0909A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D99A26 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 #D99A26 looks like.

```
.text, #text, p{  
    color:#D99A26  
}
```

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 #D99A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99A26
}
```

## Border

The CSS property to change the border of an element to Hex D99A26 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
#D99A26 }
```

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

```
.border{ border-color:#D99A26 }
```

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

Here you see how a box with a 4 pixel #D99A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99A26; -webkit-box-shadow:4px 4px  
4px 4px #D99A26; box-shadow:4px 4px 4px  
4px #D99A26 }
```

# Background

The CSS property to change the background color of an element to Hex D99A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99A26 }
```

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

```
.background{ background-color:#D99A26 }
```

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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