

Converting Colors

Hex(D0991A)

Have a look what the booklet for
Hex(D0991A) contains.

Hex(D0991A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D0991A)

Conversions

Conversions Part 1

Format	Color
Hex	D0991A
RGB	208, 153, 26
RGB Percent	82%, 60%, 10%
CMY	0.1843, 0.4000, 0.8980
CMYK	0.00, 0.26, 0.88, 0.18
HSL	42°, 78%, 46%
HSV	42°, 88%, 82%
XYZ	37.5901, 36.2669, 5.9963
YIQ	154.9670, 73.5470, -27.8370

Conversions

Conversions Part 2

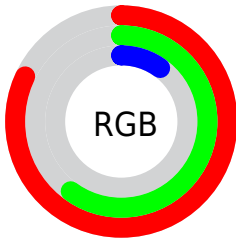
Format	Color
RYB	105, 208, 26
Decimal	13670682
CIELab	66.72, 10.45, 66.53
CIELCh	67, 67.350, 81.077
Yxy	36.2669, 0.4707, 0.4542
Android (android.graphics.Color)	4291860762 (0xFFD0991A)
YUV	154.9670, -63.5807, 46.5099
Hunter-Lab	60.2220, 6.0297, 36.2519

Details

The Hex color **D0991A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1A51D0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFCF56**, and **946600** is the 20% darker color. If you saturate the color by 10%, you get **D09305**, and if you desaturate by 10%, it is **D09F2F**.

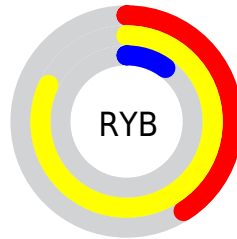
Distribution



Red (82%)

Green (60%)

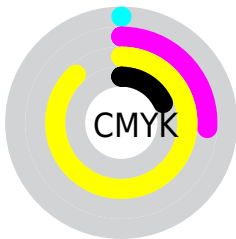
Blue (10%)



Red (41%)

Yellow (82%)

Blue (10%)

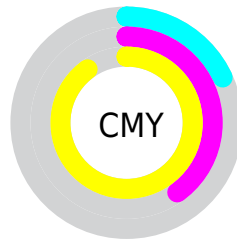


Cyan (0%)

Magenta (26%)

Yellow (88%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0991A 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 D0991A by changing the saturation by 10% instead.

 D0991A

 D0991A

FFFFFF

 B27F00

 FFCF56

 946600

 FFEB71

 784E00

 FFFF8C

 5B3800

 FFFFA8

 402300

 FFFFC5

 270E00

 FFFFEE

 000000

 D0991A

 D0991A

 D09305

 D09F2F

 D09100

 D0A644

 D0AC58

 D0B26D

 D0B882

 D0BF97

 D0C5AC

 D0CBC0

 D0D2D5

Harmonies

Analogous

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



FA8044



D0991A



98AC20

Triad

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



D0991A



00BFCC



DA7FEF

Complementary

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



D0991A



1A51D0

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.



809AFF



D0991A



00BAFF

Square

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



D0991A



00BE8E



00AFFF



FF69B7

Rectangle

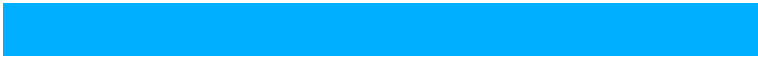
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0991A



69B53F



00AFFF



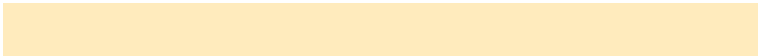
C288FE

Sweetspot

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



D0991A



FFEBCD



D01A54



807458



000000



808080

Same Dimension

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



D0991A



FFB200



AFD01A



69655E



A87500



291C00

Inverse Universe

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



1A51D0



004DFF



3B1AD0



5E6169



0033A8



000C29

Previews

White Background



This preview shows how the Hex color D0991A looks on a white background.

Color Contrast Check

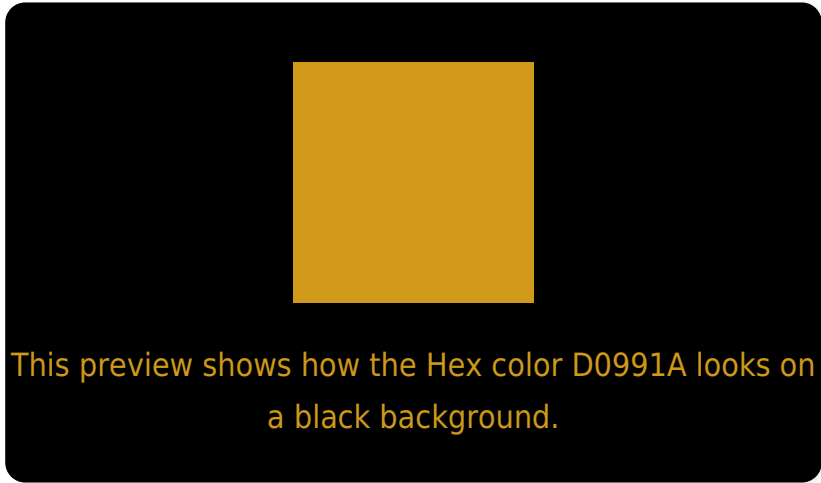
Large Text (above 18pt) WCAG AA × Fail

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 D0991A Background



This preview shows how black text looks on a background with the Hex color D0991A.



This preview shows how white text looks on a background with the Hex color D0991A.

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
D0991A

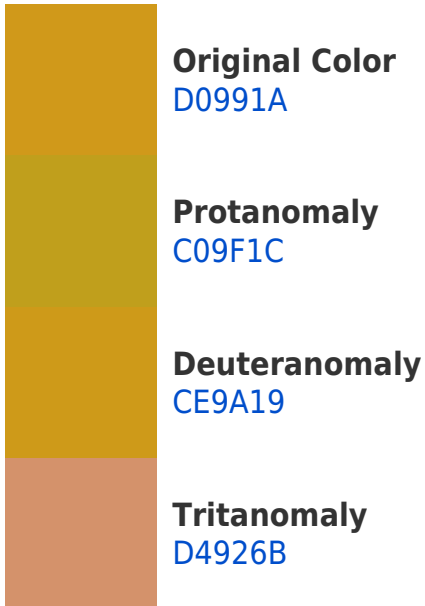
Protanopia
B7A31D

Deuteranopia
CD9A19

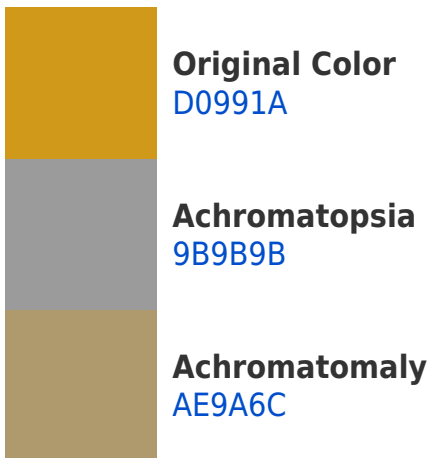


Tritanopia
D78E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0991A 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 #D0991A looks like.

```
.text, #text, p{  
    color:#D0991A  
}
```

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 #D0991A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0991A
}
```

Border

The CSS property to change the border of an element to Hex D0991A 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
#D0991A }
```

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

```
.border{ border-color:#D0991A }
```

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

Here you see how a box with a 4 pixel #D0991A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0991A; -webkit-box-shadow:4px 4px  
4px 4px #D0991A; box-shadow:4px 4px 4px  
4px #D0991A }
```

Background

The CSS property to change the background color of an element to Hex D0991A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0991A }
```

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

```
.background{ background-color:#D0991A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor