

Converting Colors

Hex(D7901B)

Have a look what the booklet for
Hex(D7901B) contains.

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Color

Hex(D7901B)

Conversions

Conversions Part 1

Format	Color
Hex	D7901B
RGB	215, 144, 27
RGB Percent	84%, 56%, 11%
CMY	0.1569, 0.4353, 0.8941
CMYK	0.00, 0.33, 0.87, 0.16
HSL	37°, 78%, 47%
HSV	37°, 87%, 84%
XYZ	38.1954, 34.4727, 5.6777
YIQ	151.8910, 79.8730, -21.3350

Conversions

Conversions Part 2

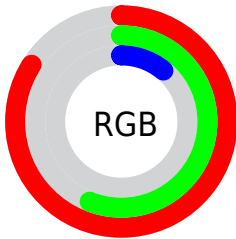
Format	Color
RYB	141, 215, 27
Decimal	14127131
CIELab	65.34, 18.39, 65.52
CIELCh	65, 68.046, 74.324
Yxy	34.4727, 0.4875, 0.4400
Android (android.graphics.Color)	4292317211 (0xFFD7901B)
YUV	151.8910, -61.5713, 55.3466
Hunter-Lab	58.7135, 13.3727, 35.3660

Details

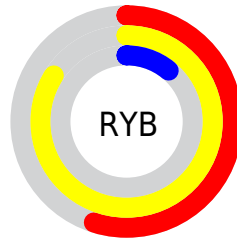
The Hex color **D7901B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1B62D7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC655**, and **9A5E00** is the 20% darker color. If you saturate the color by 10%, you get **D78805**, and if you desaturate by 10%, it is **D79831**.

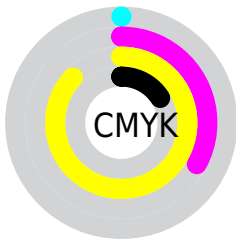
Distribution



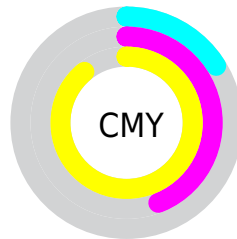
- Red (84%)
- Green (56%)
- Blue (11%)



- Red (55%)
- Yellow (84%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7901B 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 D7901B by changing the saturation by 10% instead.

 D7901B

 D7901B

FFFFFF

 B97600

 FFC655

 9A5E00

 FFE270

 7D4600

 FFFE8C

 602F00

 FFFFA7

 451A00

 FFFFC4

 2B0400

 FFFFEO

 000000

FFFFFFE

 D7901B

 D7901B

 D78805

 D79831

 D78600

 D7A046

 D7A85C

 D7B071

 D7B987

 D7C19C

 D7C9B2

 D7D1C7

 D7D9DD

Harmonies

Analogous

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



FD764B



D7901B



A1A50E

Triad

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



D7901B



00BBBB



C681F7

Complementary

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



D7901B



1B62D7

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.



589CFF



D7901B



00B8F3

Square

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



D7901B



00B97B



00AEFF



FC68C1

Rectangle

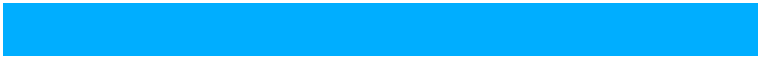
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7901B



76AE2F



00AEFF



AB8AFF

Sweetspot

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



D7901B



FFE6BD



D71B63



807158



000000



808080

Same Dimension

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



D7901B



FF9F00



C1D71B



6B6760



AB6A00



2B1B00

Inverse Universe

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



1B62D7



0060FF



311BD7



60646B



0041AB



00102B

Previews

White Background



This preview shows how the Hex color D7901B looks on a white background.

Color Contrast Check

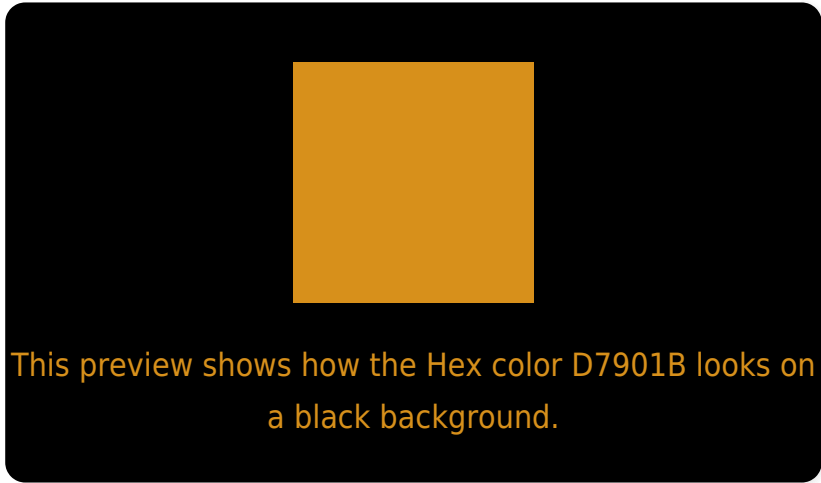
Large Text (above 18pt) WCAG AA × Fail

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 D7901B Background



This preview shows how black text looks on a background with the Hex color D7901B.



This preview shows how white text looks on a background with the Hex color D7901B.

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
D7901B

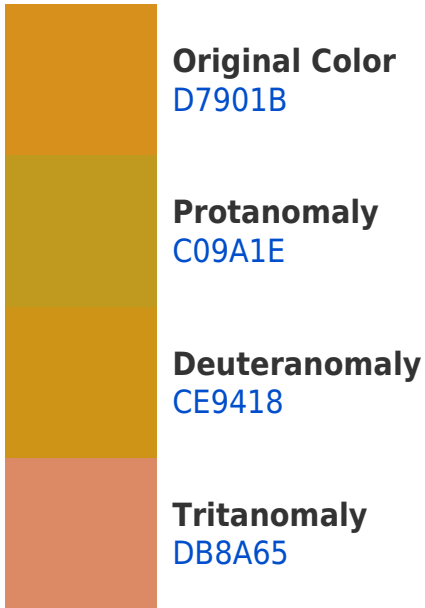
Protanopia
B39F1F

Deuteranopia
C99716

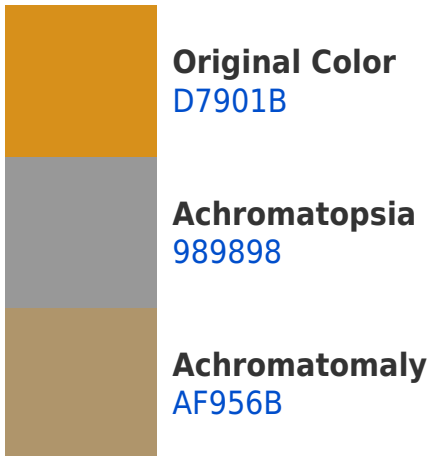


Tritanopia
DD8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7901B 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 #D7901B looks like.

```
.text, #text, p{  
    color:#D7901B  
}
```

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 #D7901B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7901B
}
```

Border

The CSS property to change the border of an element to Hex D7901B 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
#D7901B }
```

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

```
.border{ border-color:#D7901B }
```

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

Here you see how a box with a 4 pixel #D7901B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7901B; -webkit-box-shadow:4px 4px  
4px 4px #D7901B; box-shadow:4px 4px 4px  
4px #D7901B }
```

Background

The CSS property to change the background color of an element to Hex D7901B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7901B }
```

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

```
.background{ background-color:#D7901B }
```

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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