

Converting Colors

Hex(DD9002)

Have a look what the booklet for
Hex(DD9002) contains.

Hex(DD9002)	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(DD9002)

Conversions

Conversions Part 1

Format	Color
Hex	DD9002
RGB	221, 144, 2
RGB Percent	87%, 56%, 1%
CMY	0.1333, 0.4353, 0.9922
CMYK	0.00, 0.35, 0.99, 0.13
HSL	39°, 98%, 44%
HSV	39°, 99%, 87%
XYZ	39.8030, 35.3231, 4.7776
YIQ	150.8350, 91.4740, -27.8380

Conversions

Conversions Part 2

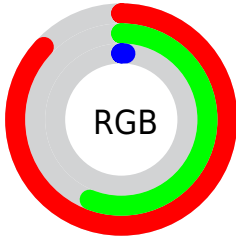
Format	Color
RYB	121, 221, 2
Decimal	14520322
CIELab	66.00, 20.63, 70.84
CIELCh	66, 73.780, 73.761
Yxy	35.3231, 0.4981, 0.4421
Android (android.graphics.Color)	4292710402 (0xFFDD9002)
YUV	150.8350, -73.3757, 61.5347
Hunter-Lab	59.4332, 15.5351, 36.8371

Details

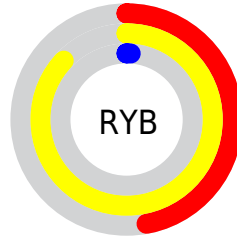
The Hex color **DD9002** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **024FDD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC64A**, and **A05E00** is the 20% darker color. If you saturate the color by 10%, you get **DD8F00**, and if you desaturate by 10%, it is **DD9818**.

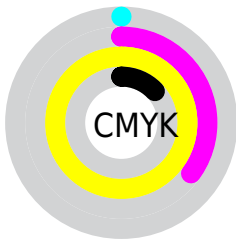
Distribution



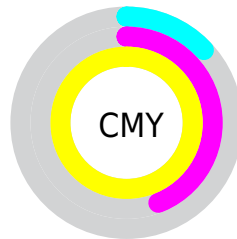
- Red (87%)
- Green (56%)
- Blue (1%)



- Red (47%)
- Yellow (87%)
- Blue (1%)



- Cyan (0%)
- Magenta (35%)
- Yellow (99%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD9002 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 DD9002 by changing the saturation by 10% instead.

 DD9002

 DD9002

FFFFFF

 BE7600

 FFC64A

 A05E00

 FFE266

 824600

 FFFE82

 652F00

 FFFF9E

 491900

 FFFFBA

 2E0400

 FFFFD7

 090000

 FFFFF4

 000000

 DD9002

 DD9002

 DD8F00

 DD9818

 DDA02E

 DDA744

 DDAF5A

 DDB771

 DDBF87

 DDC69D

 DDCEB3

 DDD6C9

Harmonies

Analogous

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



FF7347



DD9002



A3A700

Triad

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



DD9002



00BFBE



C980FF

Complementary

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



DD9002



024FDD

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.



459EFF



DD9002



00BCFB

Square

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



DD9002



00BD79



00B2FF



FF63C7

Rectangle

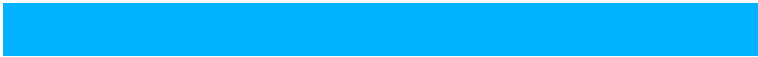
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DD9002



74B120



00B2FF



AA8BFF

Sweetspot

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



DD9002



FFE4B3



DD0252



806F52



000000



808080

Same Dimension

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



DD9002



FFA500



C0DD02



6E6A63



AD7000



2E1E00

Inverse Universe

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



024FDD



005AFF



1F02DD



63676E



003DAD



00102E

Previews

White Background



This preview shows how the Hex color DD9002 looks on a white background.

Color Contrast Check

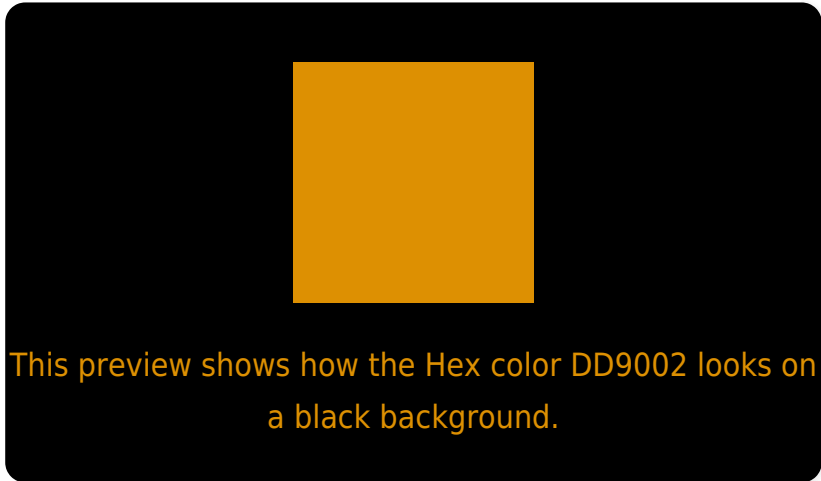
Large Text (above 18pt) WCAG AA × Fail

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 DD9002 Background



This preview shows how black text looks on a background with the Hex color DD9002.



This preview shows how white text looks on a background with the Hex color DD9002.

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
DD9002

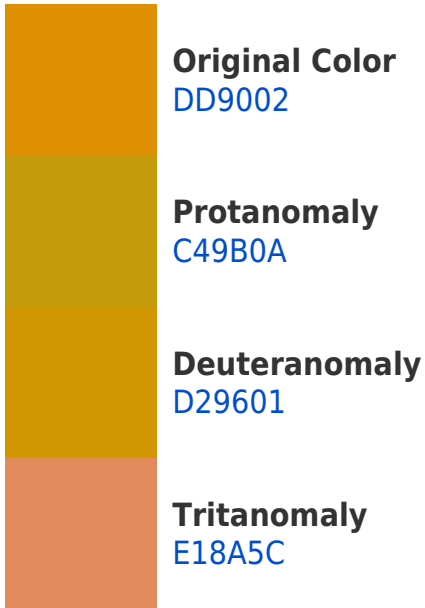
Protanopia
B5A10F

Deuteranopia
CB9900

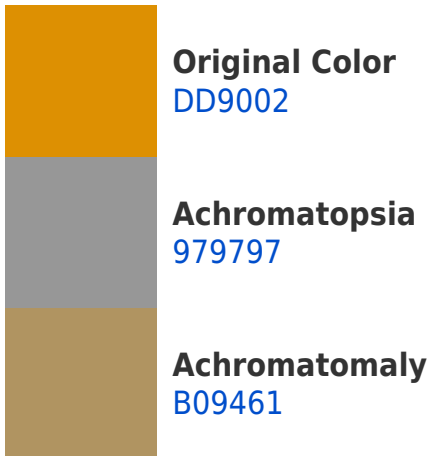


Tritanopia
E38690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD9002 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 #DD9002 looks like.

```
.text, #text, p{  
    color:#DD9002  
}
```

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 #DD9002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD9002
}
```

Border

The CSS property to change the border of an element to Hex DD9002 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
#DD9002 }
```

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

```
.border{ border-color:#DD9002 }
```

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

Here you see how a box with a 4 pixel #DD9002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD9002; -webkit-box-shadow:4px 4px  
4px 4px #DD9002; box-shadow:4px 4px 4px  
4px #DD9002 }
```

Background

The CSS property to change the background color of an element to Hex DD9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD9002 }
```

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

```
.background{ background-color:#DD9002 }
```

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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