

# Converting Colors

Hex(DD9621)

Have a look what the booklet for  
Hex(DD9621) contains.

|  |    |
|--|----|
| <b>Hex(DD9621)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(DD9621)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DD9621                      |
| RGB         | 221, 150, 33                |
| RGB Percent | 87%, 59%, 13%               |
| CMY         | 0.1333, 0.4118, 0.8706      |
| CMYK        | 0.00, 0.32, 0.85, 0.13      |
| HSL         | 37°, 74%, 50%               |
| HSV         | 37°, 85%, 87%               |
| XYZ         | 40.9997, 37.2947, 6.4765    |
| YIQ         | 157.8910, 79.8730, -21.3350 |

# Conversions

## Conversions Part 2

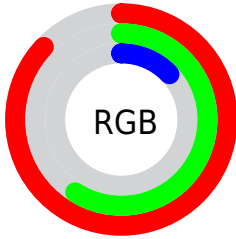
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">147, 221, 33</a>                    |
| Decimal                             | <a href="#">14521889</a>                        |
| CIELab                              | <a href="#">67.50, 17.89, 65.89</a>             |
| CIELCh                              | <a href="#">67, 68.275, 74.812</a>              |
| Yxy                                 | <a href="#">37.2947, 0.4837,<br/>0.4399</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4292711969<br/>(0xFFDD9621)</a>     |
| YUV                                 | <a href="#">157.8910, -61.5713,<br/>55.3466</a> |
| Hunter-Lab                          | <a href="#">61.0693, 12.9668,<br/>36.4607</a>   |

# Details

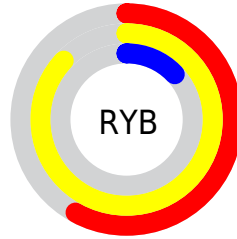
The Hex color **DD9621** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2168DD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFCC5A**, and **A06300** is the 20% darker color. If you saturate the color by 10%, you get **DD8E0B**, and if you desaturate by 10%, it is **DD9E37**.

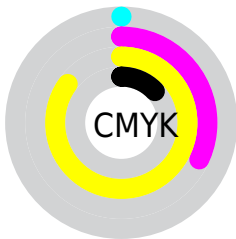
# Distribution



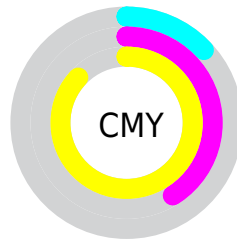
- Red (87%)
- Green (59%)
- Blue (13%)



- Red (58%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (32%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD9621 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 DD9621 by changing the saturation by 10% instead.



 DD9621

 DD9621

FFFFFF

 BE7C00

 FFCC5A

 A06300

 FFE875

 834B00

 FFFF91

 663500

 FFFFAD

 4A1F00

 FFFFC9

 2F0A00

 FFFFEE

 110000

 000000

 DD9621

 DD9621

 DD8E0B

 DD9E37

 DD8A00

 DDA74D

 DDAF63

 DDB779

 DDC090

 DDC8A6

 DDD0BC

 DDD9D2

 DDE1E8

# Harmonies

## Analogous

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



FF7C50



DD9621



A7AB18

# Triad

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



DD9621



00C1C2



CE86FC

# Complementary

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



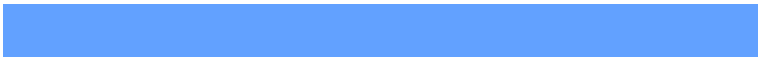
DD9621



2168DD

# 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.



62A1FF



DD9621



00BEFA

# Square

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



DD9621



00BF82



00B4FF



FF6EC6

# Rectangle

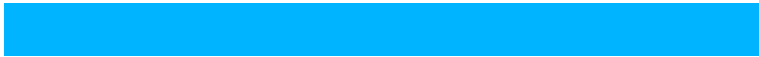
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DD9621



7AB535



00B4FF



B290FF



# Sweetspot

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



DD9621



FFE6BD



DD2169



807158



000000



808080



# Same Dimension

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



DD9621



FF9F00



C7DD21



6E6A63



AD6C00



2E1D00



# Inverse Universe

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



2168DD



0060FF



3721DD



63676E



0041AD



00112E



# Previews

## White Background



This preview shows how the Hex color DD9621 looks on a white background.

## Color Contrast Check

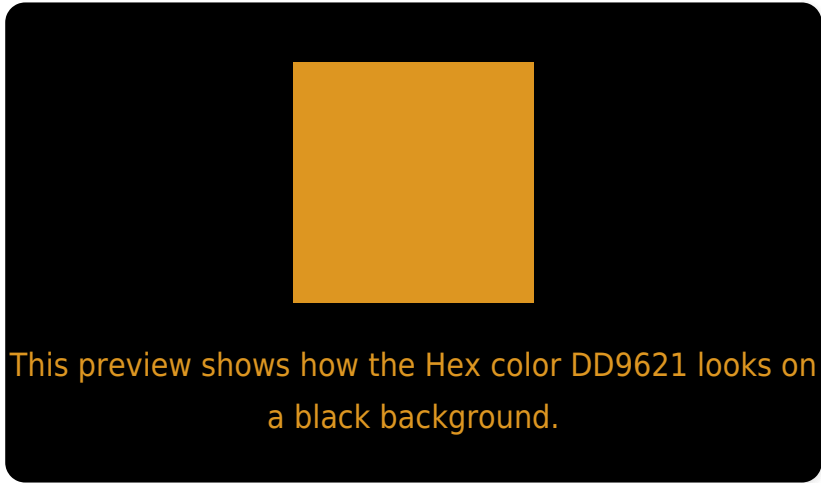
Large Text (above 18pt) WCAG AA × Fail

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 DD9621 Background



This preview shows how black text looks on a background with the Hex color DD9621.

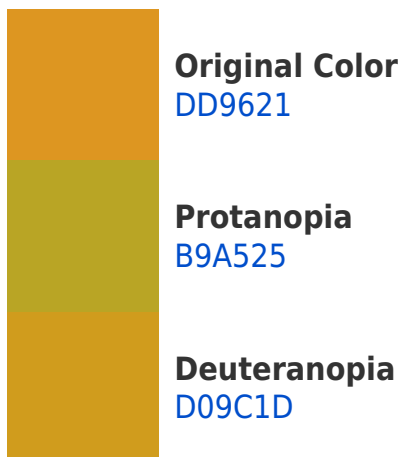


This preview shows how white text looks on a background with the Hex color DD9621.

# 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](#).

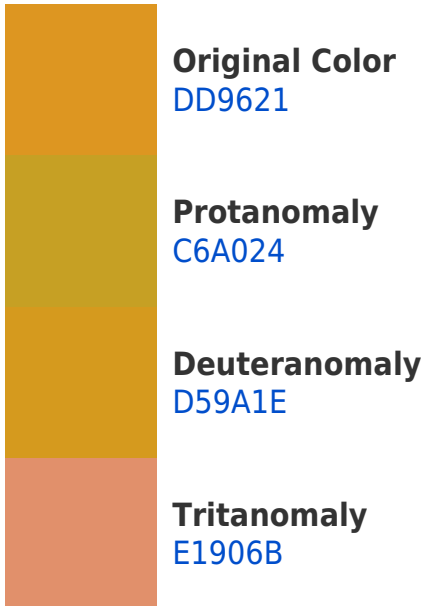
## Dichromacy





**Tritanopia**  
E38C96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD9621 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 #DD9621 looks like.

```
.text, #text, p{  
    color:#DD9621  
}
```

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 #DD9621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD9621
}
```

## Border

The CSS property to change the border of an element to Hex DD9621 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
#DD9621 }
```

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

```
.border{ border-color:#DD9621 }
```

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

Here you see how a box with a 4 pixel #DD9621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD9621; -webkit-box-shadow:4px 4px  
4px 4px #DD9621; box-shadow:4px 4px 4px  
4px #DD9621 }
```

# Background

The CSS property to change the background color of an element to Hex DD9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD9621 }
```

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

```
.background{ background-color:#DD9621 }
```

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