

# Converting Colors

Hex(D2A100)

Have a look what the booklet for  
Hex(D2A100) contains.

<b>Hex(D2A100)</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(D2A100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2A100
RGB	210, 161, 0
RGB Percent	82%, 63%, 0%
CMY	0.1765, 0.3686, 1.0000
CMYK	0.00, 0.23, 1.00, 0.18
HSL	46°, 100%, 41%
HSV	46°, 100%, 82%
XYZ	39.3232, 39.1914, 5.4921
YIQ	157.2970, 80.8850, -39.6830

# Conversions

## Conversions Part 2

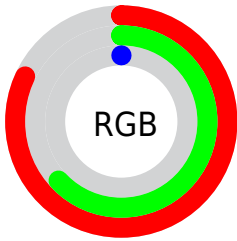
Format	Color
<a href="#">RYB</a>	<a href="#">64, 210, 0</a>
Decimal	<a href="#">13803776</a>
CIELab	<a href="#">68.89, 6.67, 72.47</a>
CIELCh	<a href="#">69, 72.771, 84.745</a>
Yxy	<a href="#">39.1914, 0.4681, 0.4665</a>
Android (android.graphics.Color)	<a href="#">4291993856 (0xFFD2A100)</a>
YUV	<a href="#">157.2970, -77.5474, 46.2205</a>
Hunter-Lab	<a href="#">62.6030, 2.5670, 38.6206</a>

# Details

The Hex color **D2A100** 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 **0031D2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFD74C**, and **966E00** is the 20% darker color. If you saturate the color by 10%, you get **D2A100**, and if you desaturate by 10%, it is **D2A615**.

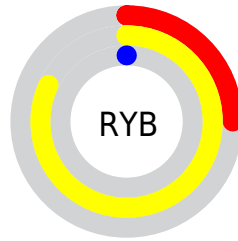
# Distribution



Red (82%)

Green (63%)

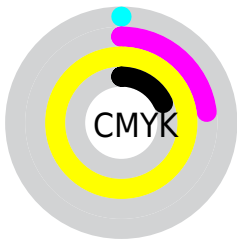
Blue (0%)



Red (25%)

Yellow (82%)

Blue (0%)

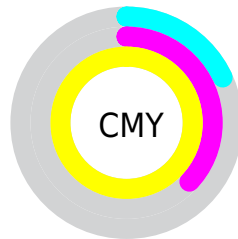


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (37%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2A100 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 D2A100 by changing the saturation by 10% instead.



 D2A100

 D2A100

FFFFFF

 B48700

 FFD74C

 966E00

 FFF469

 795600

 FFFF85

 5D3F00

 FFFFA1

 412900

 FFFFBD

 281500

 FFFFDA

 050000

 FFFFF8

 000000

 D2A100

 D2A615

 D2AB2A

 D2B03F

 D2B554

 D2BA69

 D2BE7E

 D2C393

 D2C8A8

 D2CDBD

# Harmonies

## Analogous

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



FF863B



D2A100



93B51A

# Triad

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



D2A100



00C6DE



EC7DF5

# Complementary

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



D2A100



0031D2

# 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.



919CFF



D2A100



00C1FF

# Square

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



D2A100



00C69A



00B3FF



FF67B7

# Rectangle

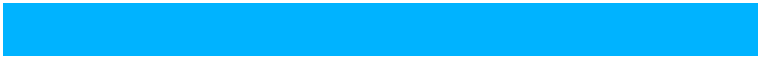
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2A100



5CBD43



00B3FF



D488FF



# Sweetspot

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



D2A100



FFEDB3



D20031



807552



000000



808080



# Same Dimension

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



D2A100



FFC300



9AD200



69665E



A88100



291F00



# Inverse Universe

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



0031D2



003CFF



3800D2



5E6169



0027A8



000A29



# Previews

## White Background



This preview shows how the Hex color D2A100 looks on a white background.

## Color Contrast Check

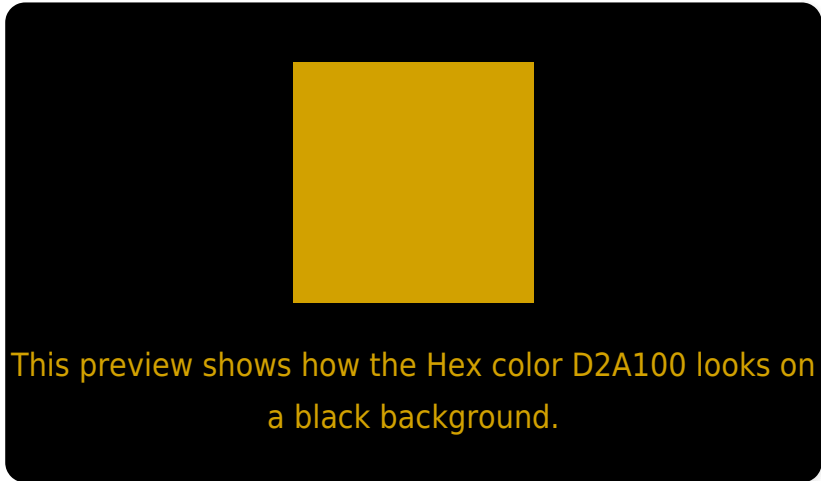
Large Text (above 18pt) WCAG AA × Fail

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 D2A100 Background



This preview shows how black text looks on a background with the Hex color D2A100.



This preview shows how white text looks on a background with the Hex color D2A100.

# 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**  
D2A100

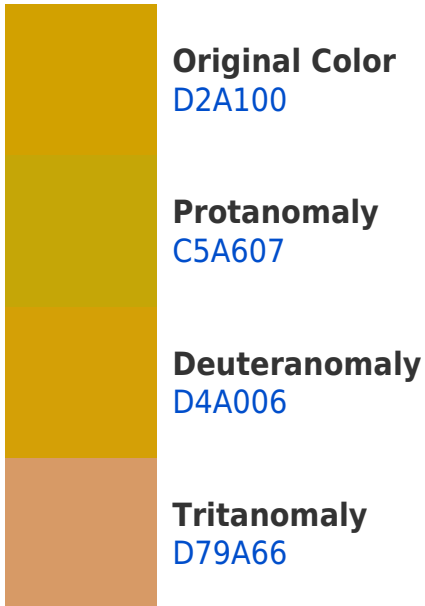
**Protanopia**  
BEA90B

**Deuteranopia**  
D5A009

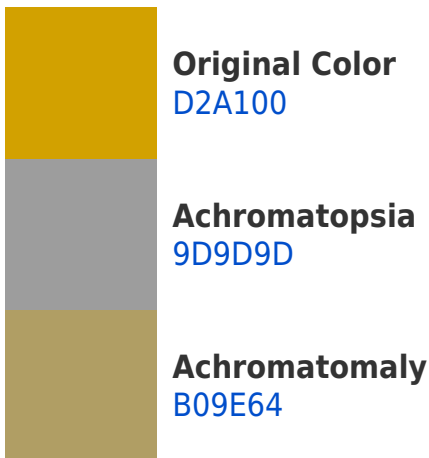


**Tritanopia**  
DA96A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2A100 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 #D2A100 looks like.

```
.text, #text, p{  
    color:#D2A100  
}
```

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 #D2A100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A100
}
```

## Border

The CSS property to change the border of an element to Hex D2A100 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
#D2A100 }
```

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

```
.border{ border-color:#D2A100 }
```

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

Here you see how a box with a 4 pixel #D2A100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A100; -webkit-box-shadow:4px 4px  
4px 4px #D2A100; box-shadow:4px 4px 4px  
4px #D2A100 }
```

# Background

The CSS property to change the background color of an element to Hex D2A100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A100 }
```

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

```
.background{ background-color:#D2A100 }
```

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