

# Converting Colors

Hex(D2A44E)

Have a look what the booklet for  
Hex(D2A44E) contains.

<b>Hex(D2A44E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D2A44E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2A44E
RGB	210, 164, 78
RGB Percent	82%, 64%, 31%
CMY	0.1765, 0.3569, 0.6941
CMYK	0.00, 0.22, 0.63, 0.18
HSL	39°, 59%, 56%
HSV	39°, 63%, 82%
XYZ	41.2289, 40.8026, 12.9104
YIQ	167.9500, 55.0220, -16.9940

# Conversions

## Conversions Part 2

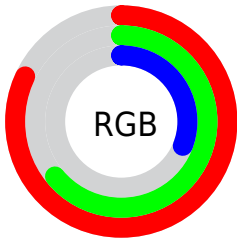
Format	Color
<a href="#">RYB</a>	<a href="#">149, 210, 78</a>
Decimal	<a href="#">13804622</a>
CIELab	<a href="#">70.04, 7.64, 50.08</a>
CIELCh	<a href="#">70, 50.665, 81.324</a>
Yxy	<a href="#">40.8026, 0.4343, 0.4298</a>
Android (android.graphics.Color)	<a href="#">4291994702 (0xFFD2A44E)</a>
YUV	<a href="#">167.9500, -44.3453, 36.8779</a>
Hunter-Lab	<a href="#">63.8769, 3.4271, 32.7305</a>

# Details

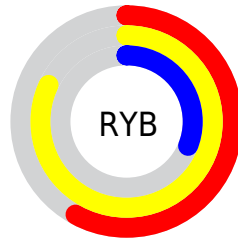
The Hex color **D2A44E** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4E7CD2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDB82**, and **98711A** is the 20% darker color. If you saturate the color by 10%, you get **D29D39**, and if you desaturate by 10%, it is **D2AB63**.

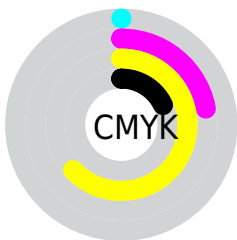
# Distribution



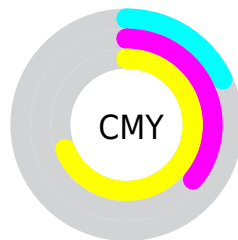
- Red (82%)
- Green (64%)
- Blue (31%)



- Red (58%)
- Yellow (82%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (63%)
- Black (18%)



- Cyan (18%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2A44E 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 D2A44E by changing the saturation by 10% instead.



 D2A44E

 D2A44E

FFFFFF

 B58A35

 FFDB82

 98711A

 FFF79D

 7C5800

 FFFFB8

 614100

 FFFF5D

 462B00

 FFFFF1

 2C1700

 120000

 000000

 D2A44E

 D2A44E

 D29D39

 D2AB63

 D29524

 D2B378

 D28E0F

 D2BA8D

 D28900

 D2C1A2

 D2C9B7

 D2D0CC

 D2D7E1

 D2DFF6

 D2E6FF

# Harmonies

## Analogous

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



F39365



D2A44E



A6B352

# Triad

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



D2A44E



00C2CB



D792E5

# Complementary

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



D2A44E



4E7CD2

# 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.



99A4FF



D2A44E



00BEF2

# Square

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



D2A44E



00C29C



2AB4FF



FA86BB

# Rectangle

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



D2A44E



83BA63



2AB4FF



C698F1

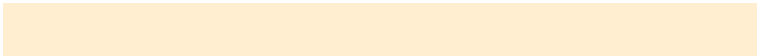


# Sweetspot

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



D2A44E



FFEECF



D24E7C



807562



000000



808080



# Same Dimension

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



D2A44E



FFBC40



BED24E



69655E



A86E00



291B00



# Inverse Universe

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



4E7CD2



4082FF



624ED2



5E6269



003BA8

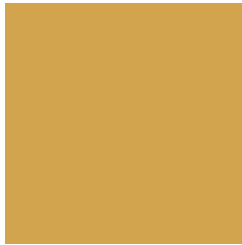


000E29



# Previews

## White Background



This preview shows how the Hex color D2A44E looks on a white background.

## Color Contrast Check

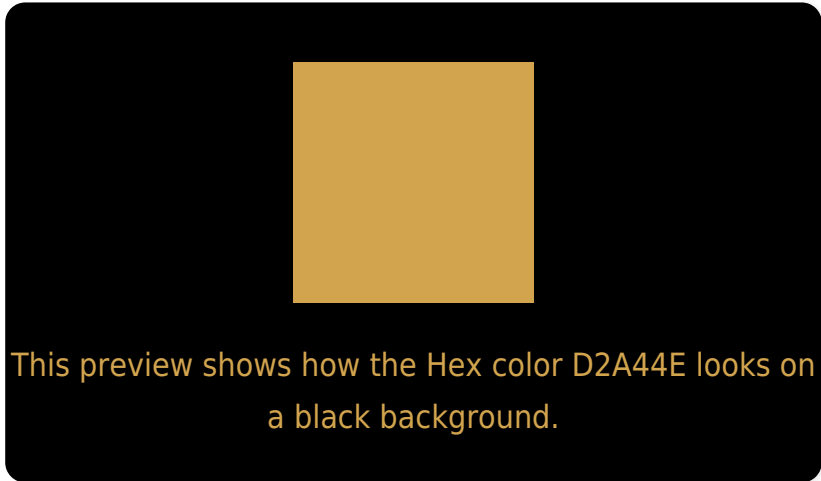
Large Text (above 18pt) WCAG AA × Fail

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 D2A44E Background



This preview shows how black text looks on a background with the Hex color D2A44E.



This preview shows how white text looks on a background with the Hex color D2A44E.

# 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**  
D2A44E

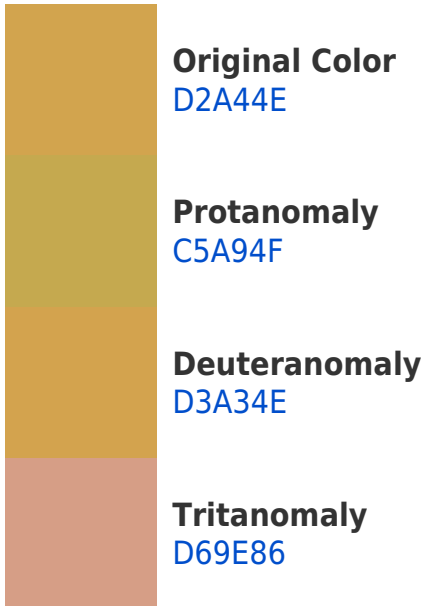
**Protanopia**  
BEAC50

**Deuteranopia**  
D4A34E

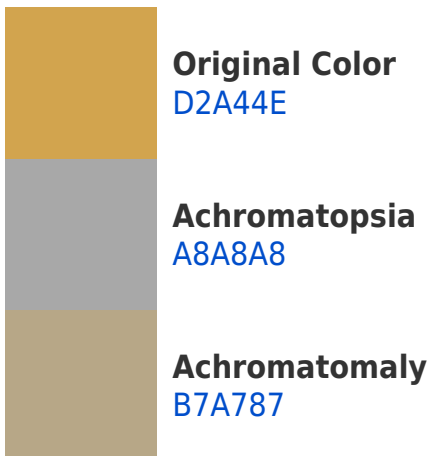


**Tritanopia**  
D99AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2A44E 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 #D2A44E looks like.

```
.text, #text, p{  
    color:#D2A44E  
}
```

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 #D2A44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A44E
}
```

## Border

The CSS property to change the border of an element to Hex D2A44E 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
#D2A44E }
```

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

```
.border{ border-color:#D2A44E }
```

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

Here you see how a box with a 4 pixel #D2A44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A44E; -webkit-box-shadow:4px 4px  
4px 4px #D2A44E; box-shadow:4px 4px 4px  
4px #D2A44E }
```

# Background

The CSS property to change the background color of an element to Hex D2A44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A44E }
```

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

```
.background{ background-color:#D2A44E }
```

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