

# Converting Colors

Hex(D2AE4F)

Have a look what the booklet for  
Hex(D2AE4F) contains.

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# **Color**

**Hex(D2AE4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2AE4F
RGB	210, 174, 79
RGB Percent	82%, 68%, 31%
CMY	0.1765, 0.3176, 0.6902
CMYK	0.00, 0.17, 0.62, 0.18
HSL	44°, 59%, 57%
HSV	44°, 62%, 82%
XYZ	43.1257, 44.5383, 13.7209
YIQ	173.9340, 51.9510, -21.9130

# Conversions

## Conversions Part 2

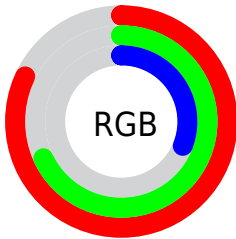
Format	Color
<a href="#">RYB</a>	<a href="#">129, 210, 79</a>
Decimal	<a href="#">13807183</a>
CIELab	<a href="#">72.59, 2.37, 52.47</a>
CIELCh	<a href="#">73, 52.519, 87.413</a>
Yxy	<a href="#">44.5383, 0.4254, 0.4393</a>
Android (android.graphics.Color)	<a href="#">4291997263 (0xFFD2AE4F)</a>
YUV	<a href="#">173.9340, -46.8025, 31.6299</a>
Hunter-Lab	<a href="#">66.7370, -1.4424, 34.5261</a>

# Details

The Hex color **D2AE4F** 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 **4F73D2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE583**, and **987A19** is the 20% darker color. If you saturate the color by 10%, you get **D2A83A**, and if you desaturate by 10%, it is **D2B464**.

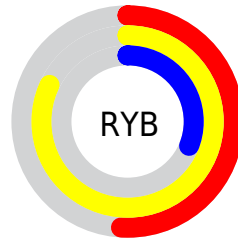
# Distribution



Red (82%)

Green (68%)

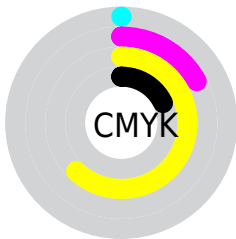
Blue (31%)



Red (51%)

Yellow (82%)

Blue (31%)

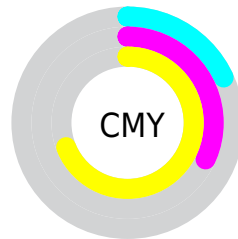


Cyan (0%)

Magenta (17%)

Yellow (62%)

Black (18%)



Cyan (18%)

Magenta (32%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2AE4F 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 D2AE4F by changing the saturation by 10% instead.



 D2AE4F

 D2AE4F

FFFFFF

 B59435

 FFE583

 987A19

 FFFF9F

 7C6100

 FFFFBA

 614A00

 FFFFD7

 463300

 FFFFF3

 2D1F00

 130700

 000000

 D2AE4F

 D2AE4F

 D2A83A

 D2B464

 D2A225

 D2BA79

 D29D10

 D2BF8E

 D29800

 D2C5A3

 D2CBB8

 D2D1CD

 D2D6E2

 D2DCF7

 D2E2FF

# Harmonies

## Analogous

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



F79C62



D2AE4F



A2BC59

# Triad

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



D2AE4F



00CADD



EA95E7

# Complementary

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



D2AE4F



4F73D2

# 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.



AFA7FF



D2AE4F



00C4FF

# Square

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



D2AE4F



00CAAC



4EB8FF



FF8AB8

# Rectangle

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



D2AE4F



7CC36F



4EB8FF



D99AF4



# Sweetspot

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



D2AE4F



FFF2CF



D24F74



807762



000000



808080



# Same Dimension

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



D2AE4F



FFCA40



B6D24F



69665E



A87A00



291E00



# Inverse Universe

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



4F73D2



4074FF



6B4FD2



5E6169



002EA8



000B29



# Previews

## White Background



This preview shows how the Hex color D2AE4F looks on a white background.

## Color Contrast Check

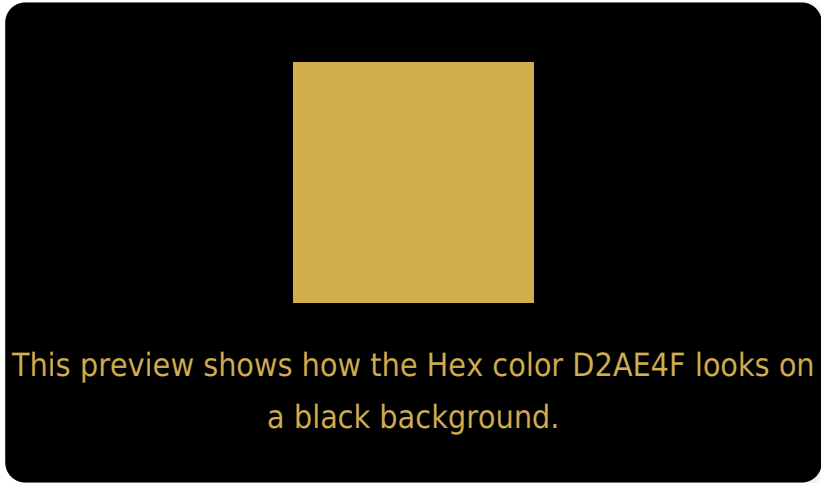
Large Text (above 18pt) WCAG AA × Fail

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 D2AE4F Background



This preview shows how black text looks on a background with the Hex color D2AE4F.

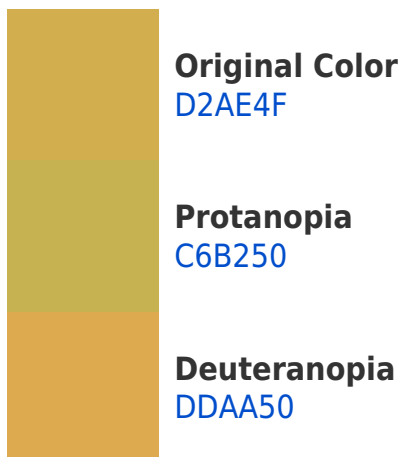


This preview shows how white text looks on a background with the Hex color D2AE4F.

# 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](#).

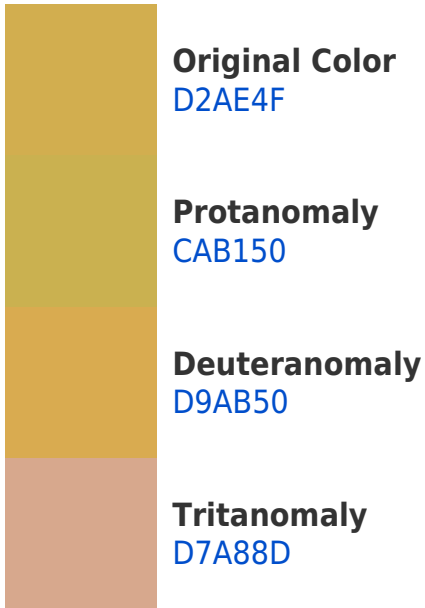
## Dichromacy



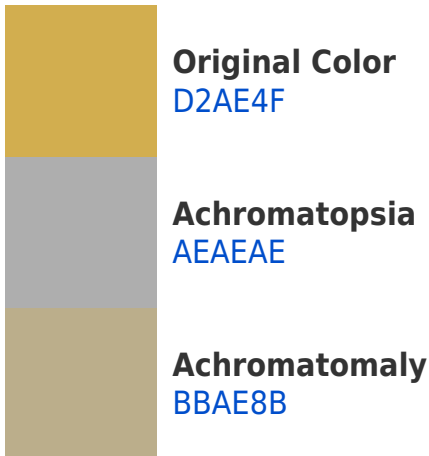


**Tritanopia**  
DAA4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2AE4F 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 #D2AE4F looks like.

```
.text, #text, p{  
    color:#D2AE4F  
}
```

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 #D2AE4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2AE4F
}
```

## Border

The CSS property to change the border of an element to Hex D2AE4F 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
#D2AE4F }
```

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

```
.border{ border-color:#D2AE4F }
```

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

Here you see how a box with a 4 pixel #D2AE4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2AE4F; -webkit-box-shadow:4px 4px  
4px 4px #D2AE4F; box-shadow:4px 4px 4px  
4px #D2AE4F }
```

# Background

The CSS property to change the background color of an element to Hex D2AE4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2AE4F }
```

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

```
.background{ background-color:#D2AE4F }
```

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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