

Converting Colors

Hex(D2AE21)

Have a look what the booklet for
Hex(D2AE21) contains.

Hex(D2AE21)	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(D2AE21)

Conversions

Conversions Part 1

Format	Color
Hex	D2AE21
RGB	210, 174, 33
RGB Percent	82%, 68%, 13%
CMY	0.1765, 0.3176, 0.8706
CMYK	0.00, 0.17, 0.84, 0.18
HSL	48°, 73%, 48%
HSV	48°, 84%, 82%
XYZ	41.9889, 44.0835, 7.7348
YIQ	168.6900, 66.7170, -36.2190

Conversions

Conversions Part 2

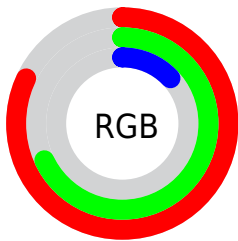
Format	Color
RYB	78, 210, 33
Decimal	13807137
CIELab	72.28, 0.27, 69.38
CIELCh	72, 69.384, 89.778
Yxy	44.0835, 0.4476, 0.4699
Android (android.graphics.Color)	4291997217 (0xFFD2AE21)
YUV	168.6900, -66.8952, 36.2289
Hunter-Lab	66.3954, -3.3075, 39.5698

Details

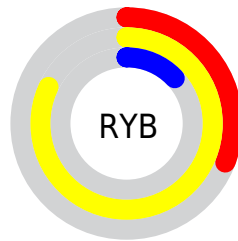
The Hex color **D2AE21** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2145D2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE55D**, and **977A00** is the 20% darker color. If you saturate the color by 10%, you get **D2AA0C**, and if you desaturate by 10%, it is **D2B236**.

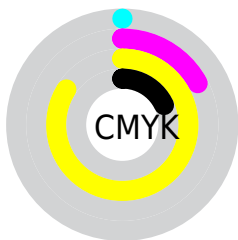
Distribution



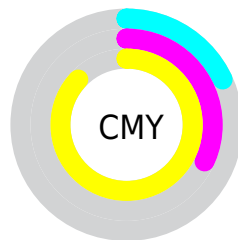
- Red (82%)
- Green (68%)
- Blue (13%)



- Red (31%)
- Yellow (82%)
- Blue (13%)



- Cyan (0%)
- Magenta (17%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2AE21 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 D2AE21 by changing the saturation by 10% instead.

 D2AE21

 D2AE21

FFFFFF

 B49400

 FFE55D

 977A00

 FFFF79

 7A6200

 FFFF95

 5E4A00

 FFFFB1

 433400

 FFFFCE

 2A1F00

 FFFFEB

 0D0800

 000000

 D2AE21

 D2AE21

 D2AA0C

 D2B236

 D2A700

 D2B74B

 D2BB60

 D2BF75

 D2C38A

 D2C89F

 D2CCB4

 D2D0C9

 D2D4DE

Harmonies

Analogous

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



FF9641



D2AE21



93C038

Triad

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



D2AE21



00CFEF



FD85F2

Complementary

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



D2AE21



2145D2

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.



B0A1FF



D2AE21



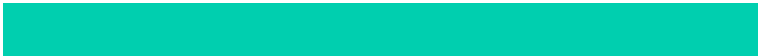
00C8FF

Square

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



D2AE21



00CF AF



00B9FF



FF74B4

Rectangle

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



D2AE21



5BC85A



00B9FF



E98EFF

Sweetspot

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



D2AE21



FFF2BF



D22147



807859



000000



808080

Same Dimension

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



D2AE21



FFCB00



A0D221



69665E



A88600



292100

Inverse Universe

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



2145D2



0034FF



5321D2



5E6069



0022A8



000829

Previews

White Background



This preview shows how the Hex color D2AE21 looks on a white background.

Color Contrast Check

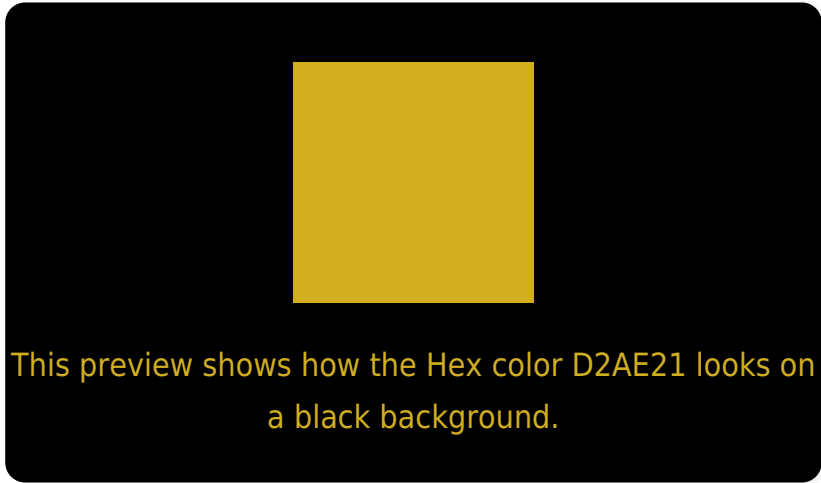
Large Text (above 18pt) WCAG AA × Fail

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 D2AE21 Background



This preview shows how black text looks on a background with the Hex color D2AE21.

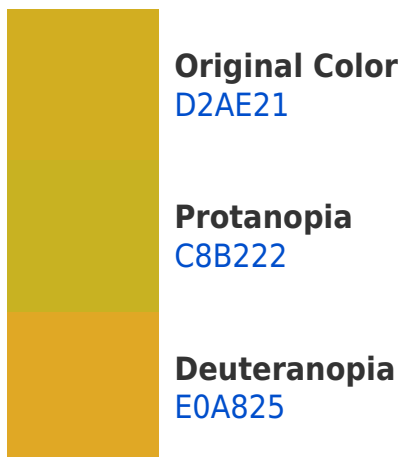


This preview shows how white text looks on a background with the Hex color D2AE21.

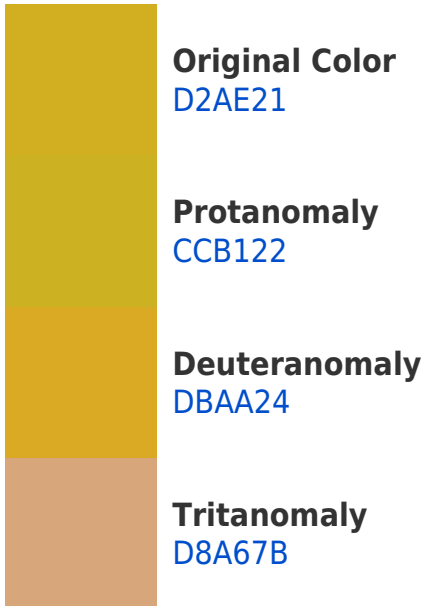
Color Blindness Simulation

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](#).

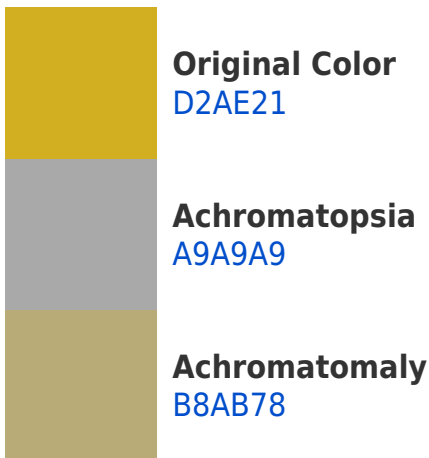
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2AE21 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 #D2AE21 looks like.

```
.text, #text, p{  
    color:#D2AE21  
}
```

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 #D2AE21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2AE21
}
```

Border

The CSS property to change the border of an element to Hex D2AE21 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
#D2AE21 }
```

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

```
.border{ border-color:#D2AE21 }
```

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

Here you see how a box with a 4 pixel #D2AE21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2AE21; -webkit-box-shadow:4px 4px  
4px 4px #D2AE21; box-shadow:4px 4px 4px  
4px #D2AE21 }
```

Background

The CSS property to change the background color of an element to Hex D2AE21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2AE21 }
```

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

```
.background{ background-color:#D2AE21 }
```

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