

Converting Colors

Hex(D5AD31)

Have a look what the booklet for
Hex(D5AD31) contains.

Hex(D5AD31)	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(D5AD31)

Conversions

Conversions Part 1

Format	Color
Hex	D5AD31
RGB	213, 173, 49
RGB Percent	84%, 68%, 19%
CMY	0.1647, 0.3216, 0.8078
CMYK	0.00, 0.19, 0.77, 0.16
HSL	45°, 66%, 51%
HSV	45°, 77%, 84%
XYZ	42.9385, 44.2550, 9.1847
YIQ	170.8240, 63.6440, -30.0840

Conversions

Conversions Part 2

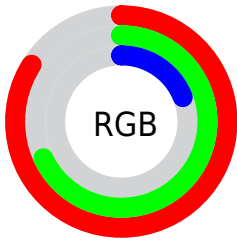
Format	Color
R _{YB}	102, 213, 49
Decimal	14003505
CIE Lab	72.40, 2.63, 64.70
CIE LCh	72, 64.751, 87.676
Yxy	44.2550, 0.4455, 0.4592
Android (android.graphics.Color)	4292193585 (0xFFD5AD31)
YUV	170.8240, -60.0592, 36.9884
Hunter-Lab	66.5245, -1.2041, 38.3812

Details

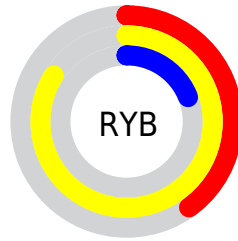
The Hex color **D5AD31** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **3159D5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE469**, and **9A7900** is the 20% darker color. If you saturate the color by 10%, you get **D5A81C**, and if you desaturate by 10%, it is **D5B246**.

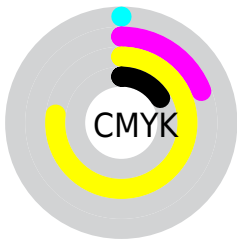
Distribution



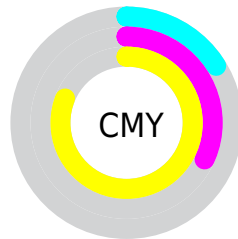
- Red (84%)
- Green (68%)
- Blue (19%)



- Red (40%)
- Yellow (84%)
- Blue (19%)



- Cyan (0%)
- Magenta (19%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5AD31 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 D5AD31 by changing the saturation by 10% instead.

 D5AD31

 D5AD31

FFFFFF

 B7930D

 FFE469

 9A7900

 FFFF84

 7D6100

 FFFFA0

 614900

 FFFFBC

 463300

 FFFFD8

 2C1E00

 FFFFF6

 120600

 000000

 D5AD31

 D5AD31

 D5A81C

 D5B246

 D5A306

 D5B75C

 D5A100

 D5BD71

 D5C286

 D5C79C

 D5CCB1

 D5D1C6

 D5D7DB

 D5DCF1

Harmonies

Analogous

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



FF964D



D5AD31



9BBE40

Triad

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



D5AD31



00CEE7



F58BF2

Complementary

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



D5AD31



3159D5

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.



ABA4FF



D5AD31



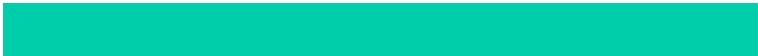
00C7FF

Square

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



D5AD31



00CEAB



00BAFF



FF7BB9

Rectangle

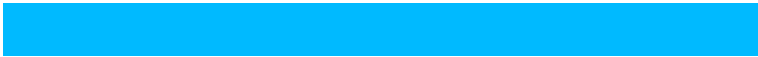
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5AD31



6AC65E



00BAFF



E193FF

Sweetspot

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



D5AD31



FFF1C4



D5315A



80775C



000000



808080

Same Dimension

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



D5AD31



FFC614



ACD531



6B6860



AB8100



2B2100

Inverse Universe

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



3159D5



144EFF



5A31D5



60636B



002AAB



000B2B

Previews

White Background



This preview shows how the Hex color D5AD31 looks on a white background.

Color Contrast Check

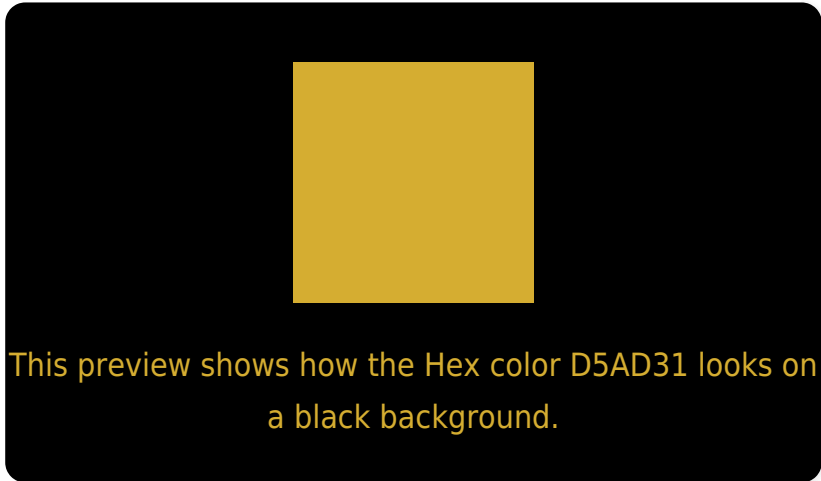
Large Text (above 18pt) WCAG AA × Fail

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 D5AD31 Background



This preview shows how black text looks on a background with the Hex color D5AD31.

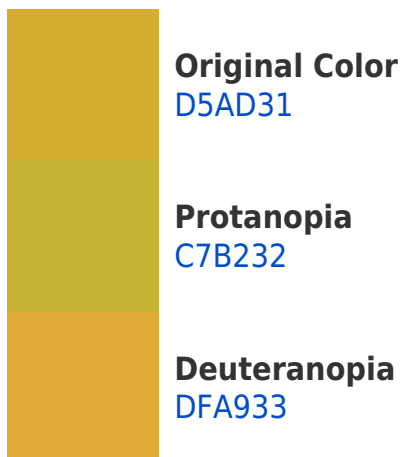


This preview shows how white text looks on a background with the Hex color D5AD31.

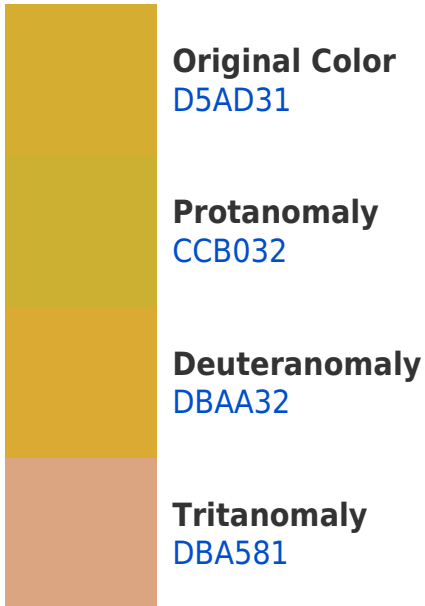
Color Blindness Simulation

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](#).

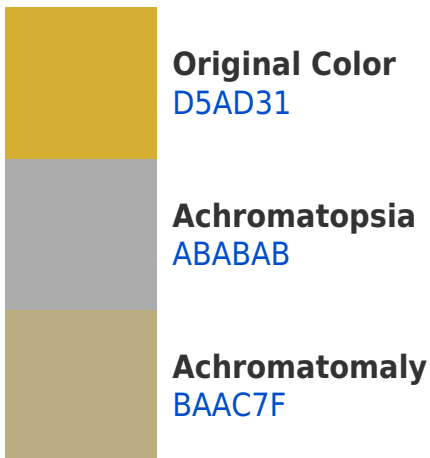
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5AD31 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 #D5AD31 looks like.

```
.text, #text, p{  
    color:#D5AD31  
}
```

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 #D5AD31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AD31
}
```

Border

The CSS property to change the border of an element to Hex D5AD31 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
#D5AD31 }
```

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

```
.border{ border-color:#D5AD31 }
```

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

Here you see how a box with a 4 pixel #D5AD31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AD31; -webkit-box-shadow:4px 4px  
4px 4px #D5AD31; box-shadow:4px 4px 4px  
4px #D5AD31 }
```

Background

The CSS property to change the background color of an element to Hex D5AD31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AD31 }
```

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

```
.background{ background-color:#D5AD31 }
```

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