

Converting Colors

Hex(D5D231)

Have a look what the booklet for
Hex(D5D231) contains.

Hex(D5D231)	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(D5D231)

Conversions

Conversions Part 1

Format	Color
Hex	D5D231
RGB	213, 210, 49
RGB Percent	84%, 82%, 19%
CMY	0.1647, 0.1765, 0.8078
CMYK	0.00, 0.01, 0.77, 0.16
HSL	59°, 66%, 51%
HSV	59°, 77%, 84%
XYZ	51.0415, 60.4611, 11.8857
YIQ	192.5430, 53.4690, -49.4350

Conversions

Conversions Part 2

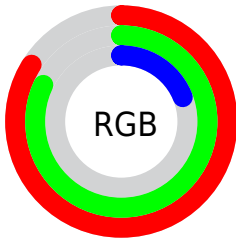
Format	Color
RYB	52, 213, 49
Decimal	14012977
CIELab	82.09, -16.38, 73.53
CIELCh	82, 75.337, 102.560
Yxy	60.4611, 0.4137, 0.4900
Android (android.graphics.Color)	4292203057 (0xFFD5D231)
YUV	192.5430, -70.7667, 17.9408
Hunter-Lab	77.7567, -18.9022, 45.3668

Details

The Hex color **D5D231** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3134D5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF6D**, and **9A9C00** is the 20% darker color. If you saturate the color by 10%, you get **D5D21C**, and if you desaturate by 10%, it is **D5D246**.

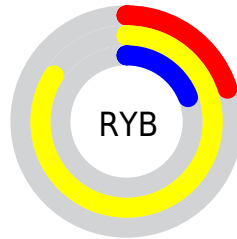
Distribution



Red (84%)

Green (82%)

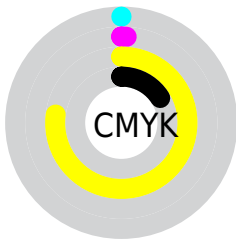
Blue (19%)



Red (20%)

Yellow (84%)

Blue (19%)

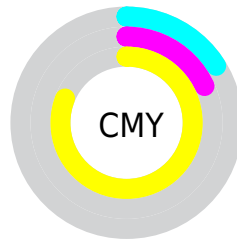


Cyan (0%)

Magenta (1%)

Yellow (77%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5D231 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 D5D231 by changing the saturation by 10% instead.

 D5D231

 D5D231

FFFFFF

 B7B700

 FFFF6D

 9A9C00

 FFFF89

 7E8200

 FFFFA6

 626900

 FFFF C2

 465100

 FFFF E0

 2C3A00

FFFFFFD

 132500

 000E00

 000000

 D5D231

 D5D231

 D5D21C

 D5D246

 D5D106

 D5D35C

 D5D100

 D5D371

 D5D486

 D5D49C

 D5D4B1

 D5D5C6

 D5D5DB

 D5D6F1

Harmonies

Analogous

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



FFBA3D



D5D231



86E25D

Triad

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



D5D231



00EBFF



FF91F8

Complementary

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



D5D231



3134D5

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.



F6ACFF



D5D231



00DFFF

Square

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



D5D231



00EEE9



78CAFF



FF8AB1

Rectangle

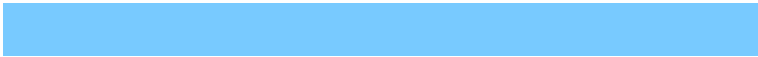
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5D231



23E988



78CAFF



FF99FF

Sweetspot

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



D5D231



FFFE4



D53136



807F5C



000000



808080

Same Dimension

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



D5D231



FFFB14



88D531



6B6B60



ABA800



2B2B00

Inverse Universe

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



3134D5



1419FF



7E31D5



60616B



0003AB



00012B

Previews

White Background



This preview shows how the Hex color D5D231 looks on a white background.

Color Contrast Check

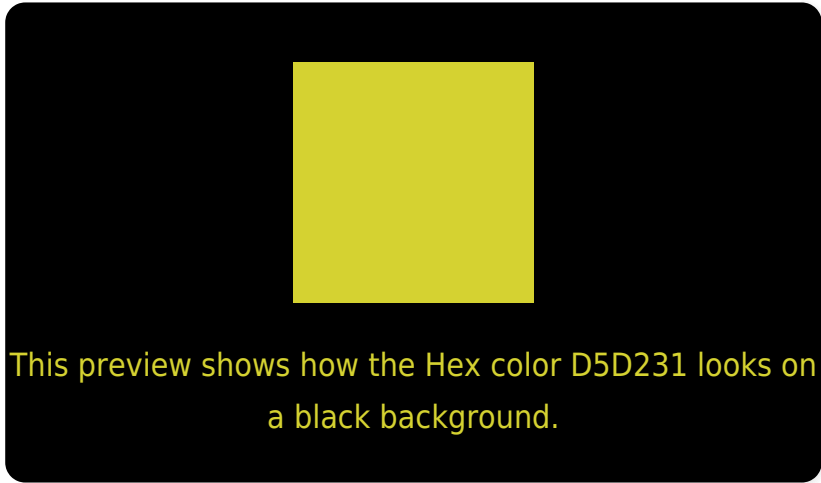
Large Text (above 18pt) WCAG AA × Fail

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 D5D231 Background



This preview shows how black text looks on a background with the Hex color D5D231.

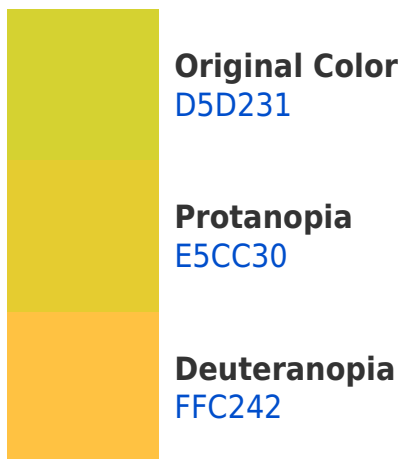


This preview shows how white text looks on a background with the Hex color D5D231.

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
E2C4D3

Trichromacy



Original Color
D5D231

Protanomaly
DFCE30

Deuteranomaly
F0C83C

Tritanomaly
DDC998

Monochromacy



Original Color
D5D231

Achromatopsia
C1C1C1

Achromatomaly
C8C78D

CSS Examples

Text

The CSS property to change the color of the text to Hex D5D231 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 #D5D231 looks like.

```
.text, #text, p{  
    color:#D5D231  
}
```

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 #D5D231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D231
}
```

Border

The CSS property to change the border of an element to Hex D5D231 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
#D5D231 }
```

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

```
.border{ border-color:#D5D231 }
```

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

Here you see how a box with a 4 pixel #D5D231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D231; -webkit-box-shadow:4px 4px  
4px 4px #D5D231; box-shadow:4px 4px 4px  
4px #D5D231 }
```

Background

The CSS property to change the background color of an element to Hex D5D231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D231 }
```

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

```
.background{ background-color:#D5D231 }
```

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