

Converting Colors

Hex(D5C031)

Have a look what the booklet for
Hex(D5C031) contains.

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Color

Hex(D5C031)

Conversions

Conversions Part 1

Format	Color
Hex	D5C031
RGB	213, 192, 49
RGB Percent	84%, 75%, 19%
CMY	0.1647, 0.2471, 0.8078
CMYK	0.00, 0.10, 0.77, 0.16
HSL	52°, 66%, 51%
HSV	52°, 77%, 84%
XYZ	46.8446, 52.0672, 10.4867
YIQ	181.9770, 58.4190, -40.0210

Conversions

Conversions Part 2

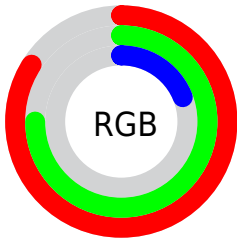
Format	Color
RYB	73, 213, 49
Decimal	14008369
CIELab	77.32, -7.29, 69.22
CIELCh	77, 69.605, 96.015
Yxy	52.0672, 0.4282, 0.4759
Android (android.graphics.Color)	4292198449 (0xFFD5C031)
YUV	181.9770, -65.5577, 27.2072
Hunter-Lab	72.1576, -10.3938, 41.8936

Details

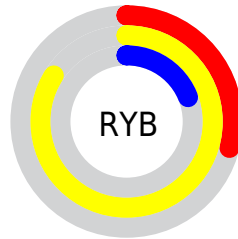
The Hex color **D5C031** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3146D5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF86B**, and **9A8B00** is the 20% darker color. If you saturate the color by 10%, you get **D5BD1C**, and if you desaturate by 10%, it is **D5C346**.

Distribution



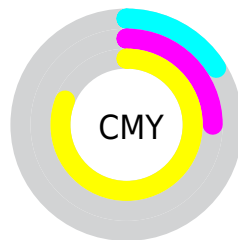
- Red (84%)
- Green (75%)
- Blue (19%)



- Red (29%)
- Yellow (84%)
- Blue (19%)



- Cyan (0%)
- Magenta (10%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5C031 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 D5C031 by changing the saturation by 10% instead.

 D5C031

 D5C031

FFFFFF

 B7A507

 FFF86B

 9A8B00

 FFFF86

 7E7200

 FFFFA3

 625900

 FFFFBF

 474200

 FFFFDC

 2D2D00

 FFFFFA

 131900

 000000

 D5C031

 D5C031

 D5BD1C

 D5C346

 D5BB06

 D5C55C

 D5BA00

 D5C871

 D5CB86

 D5CE9C

 D5D0B1

 D5D3C6

 D5D6DB

 D5D9F1

Harmonies

Analogous

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



FFA845



D5C031



91D14F

Triad

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



D5C031



00DCFF



FF8EF5

Complementary

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



D5C031



3146D5

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.



D3A8FF



D5C031



00D4FF

Square

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



D5C031



00DECB



48C2FF



FF82B5

Rectangle

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



D5C031



52D873



48C2FF



FF96FF

Sweetspot

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



D5C031



FFF7C4



D53147



807B5C



000000



808080

Same Dimension

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



D5C031



FFE114



99D531



6B6A60



AB9500



2B2600

Inverse Universe

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



3146D5



1432FF



6D31D5



60626B



0016AB



00062B

Previews

White Background



This preview shows how the Hex color D5C031 looks on a white background.

Color Contrast Check

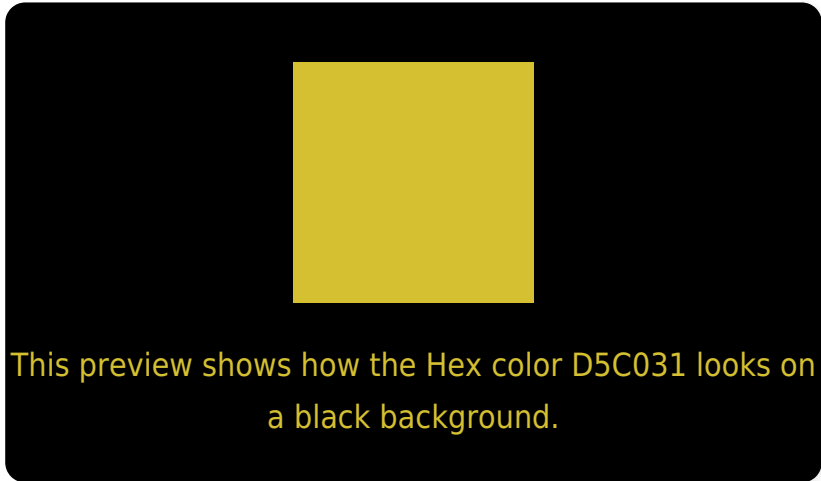
Large Text (above 18pt) WCAG AA × Fail

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 D5C031 Background



This preview shows how black text looks on a background with the Hex color D5C031.



This preview shows how white text looks on a background with the Hex color D5C031.

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
D5C031

Protanopia
D7BF31

Deuteranopia
F0B536



Tritanopia
E0B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5C031 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 #D5C031 looks like.

```
.text, #text, p{  
    color:#D5C031  
}
```

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 #D5C031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5C031
}
```

Border

The CSS property to change the border of an element to Hex D5C031 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
#D5C031 }
```

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

```
.border{ border-color:#D5C031 }
```

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

Here you see how a box with a 4 pixel #D5C031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5C031; -webkit-box-shadow:4px 4px  
4px 4px #D5C031; box-shadow:4px 4px 4px  
4px #D5C031 }
```

Background

The CSS property to change the background color of an element to Hex D5C031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5C031 }
```

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

```
.background{ background-color:#D5C031 }
```

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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