

Converting Colors

Hex(D2C158)

Have a look what the booklet for
Hex(D2C158) contains.

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Color

Hex(D2C158)

Conversions

Conversions Part 1

Format	Color
Hex	D2C158
RGB	210, 193, 88
RGB Percent	82%, 76%, 35%
CMY	0.1765, 0.2431, 0.6549
CMYK	0.00, 0.08, 0.58, 0.18
HSL	52°, 58%, 58%
HSV	52°, 58%, 82%
XYZ	47.4098, 52.5461, 16.8762
YIQ	186.1130, 43.8370, -29.0510

Conversions

Conversions Part 2

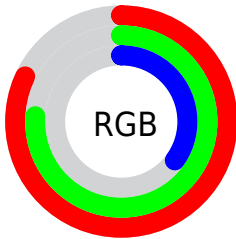
Format	Color
RYB	108, 210, 88
Decimal	13812056
CIELab	77.61, -6.94, 53.96
CIElCh	78, 54.403, 97.331
Yxy	52.5461, 0.4058, 0.4498
Android (android.graphics.Color)	4292002136 (0xFFD2C158)
YUV	186.1130, -48.3697, 20.9489
Hunter-Lab	72.4887, -10.1110, 36.9387

Details

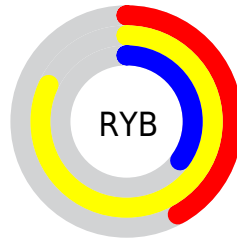
The Hex color **D2C158** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5869D2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF98D**, and **998C22** is the 20% darker color. If you saturate the color by 10%, you get **D2BE43**, and if you desaturate by 10%, it is **D2C46D**.

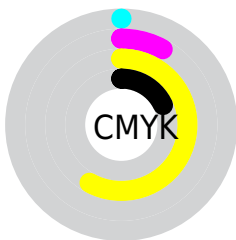
Distribution



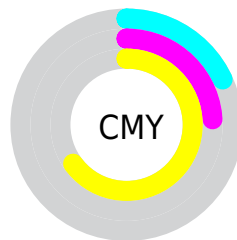
- Red (82%)
- Green (76%)
- Blue (35%)



- Red (42%)
- Yellow (82%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (58%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2C158 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 D2C158 by changing the saturation by 10% instead.

 D2C158

 D2C158

FFFFFF

 B5A63E

 FFF98D

 998C22

 FFFFA9

 7D7200

 FFFFC5

 625A00

 FFFFE1

 484300

FFFFFFE

 2E2D00

 151900

 000000

 D2C158

 D2C158

 D2BE43

 D2C46D

 D2BB2E

 D2C782

 D2B819

 D2CA97

 D2B504

 D2CDAC

 D2B500

 D2D0C1

 D2D3D6

 D2D5EB

 D2D8FF

 D2DBFF

Harmonies

Analogous

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



FDAF62



D2C158



9CCE6D

Triad

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



D2C158



00D7FC



FF9CE8

Complementary

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



D2C158



5869D2

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.



D4AEFF



D2C158



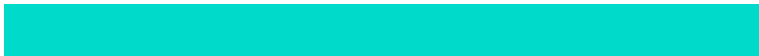
00CFFF

Square

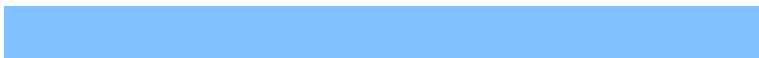
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D2C158



00DACB



81C1FF



FF95B5

Rectangle

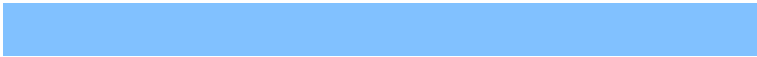
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2C158



71D487



81C1FF



FAA1F7

Sweetspot

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



D2C158



FFF9D4



D2586A



807C66



000000



808080

Same Dimension

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



D2C158



FFE64D



A7D258



69675E



A89100



292300

Inverse Universe

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



5869D2



4D65FF



8358D2



5E6069



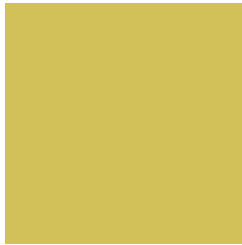
0017A8



000629

Previews

White Background



This preview shows how the Hex color D2C158 looks on a white background.

Color Contrast Check

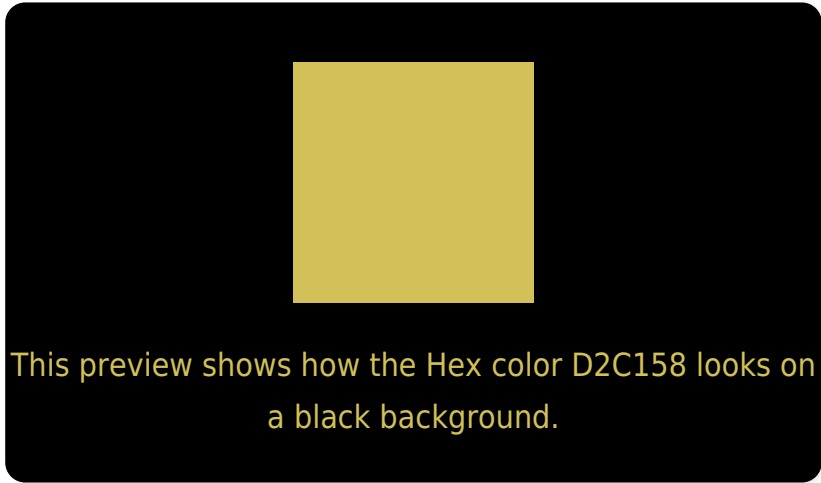
Large Text (above 18pt) WCAG AA × Fail

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

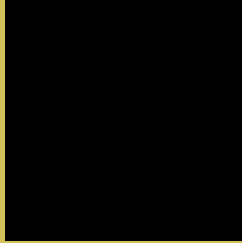
Any Text WCAG AA ✓ Pass

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 D2C158 Background



This preview shows how black text looks on a background with the Hex color D2C158.



This preview shows how white text looks on a background with the Hex color D2C158.

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
D2C158

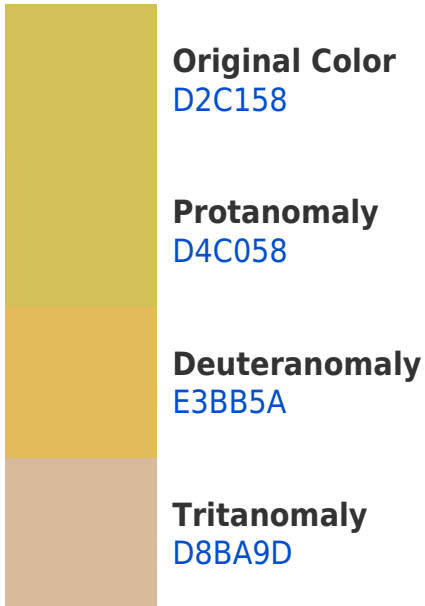
Protanopia
D5C058

Deuteranopia
EDB75B



Tritanopia
DCB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2C158 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 #D2C158 looks like.

```
.text, #text, p{  
    color:#D2C158  
}
```

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 #D2C158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2C158
}
```

Border

The CSS property to change the border of an element to Hex D2C158 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
#D2C158 }
```

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

```
.border{ border-color:#D2C158 }
```

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

Here you see how a box with a 4 pixel #D2C158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2C158; -webkit-box-shadow:4px 4px  
4px 4px #D2C158; box-shadow:4px 4px 4px  
4px #D2C158 }
```

Background

The CSS property to change the background color of an element to Hex D2C158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2C158 }
```

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

```
.background{ background-color:#D2C158 }
```

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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