

Converting Colors

Hex(D6C83A)

Have a look what the booklet for
Hex(D6C83A) contains.

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Color

Hex(D6C83A)

Conversions

Conversions Part 1

Format	Color
Hex	D6C83A
RGB	214, 200, 58
RGB Percent	84%, 78%, 23%
CMY	0.1608, 0.2157, 0.7725
CMYK	0.00, 0.07, 0.73, 0.16
HSL	55°, 66%, 53%
HSV	55°, 73%, 84%
XYZ	49.1496, 55.9102, 12.2043
YIQ	187.9980, 53.9260, -41.1940

Conversions

Conversions Part 2

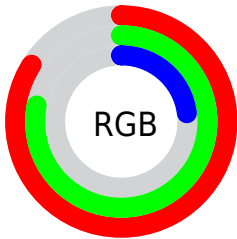
Format	Color
RYB	73, 214, 58
Decimal	14075962
CIELab	79.56, -10.58, 68.33
CIELCh	80, 69.147, 98.803
Yxy	55.9102, 0.4191, 0.4768
Android (android.graphics.Color)	4292266042 (0xFFD6C83A)
YUV	187.9980, -64.0890, 22.8038
Hunter-Lab	74.7731, -13.5221, 42.6640

Details

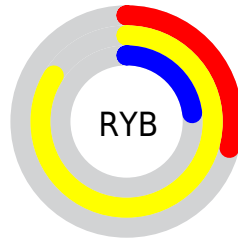
The Hex color **D6C83A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3A48D6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF73**, and **9B9200** is the 20% darker color. If you saturate the color by 10%, you get **D6C625**, and if you desaturate by 10%, it is **D6CA4F**.

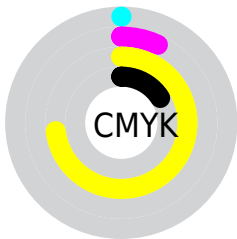
Distribution



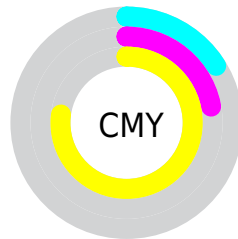
- Red (84%)
- Green (78%)
- Blue (23%)



- Red (29%)
- Yellow (84%)
- Blue (23%)



- Cyan (0%)
- Magenta (7%)
- Yellow (73%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6C83A 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 D6C83A by changing the saturation by 10% instead.

 D6C83A

 D6C83A

FFFFFF

 B8AD18

 FFFF73

 9B9200

 FFFF8E

 7F7900

 FFFFAB

 646000

 FFFFC7

 484900

 FFFF E4

 2E3300

 161E00

 000000

 D6C83A

 D6C83A

 D6C625

 D6CA4F

 D6C40F

 D6CC65

 D6C300

 D6CE7A

 D6D090

 D6D2A5

 D6D4BA

 D6D5D0

 D6D7E5

 D6D9FB

Harmonies

Analogous

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



FFB149



D6C83A



91D85A

Triad

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



D6C83A



00E2FF



FF93F5

Complementary

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



D6C83A



3A48D6

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.



E1ACFF



D6C83A



00D8FF

Square

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



D6C83A



00E5D7



68C6FF



FF8AB5

Rectangle

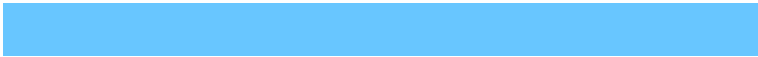
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6C83A



4EDF7F



68C6FF



FF9AFF

Sweetspot

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



D6C83A



FFFAC7



D63A4A



807D5E



000000



808080

Same Dimension

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



D6C83A



FFEB21



98D63A



6B6A60



AB9C00



2B2700

Inverse Universe

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



3A48D6



2135FF



783AD6



60616B



000FAB



00042B

Previews

White Background



This preview shows how the Hex color D6C83A looks on a white background.

Color Contrast Check

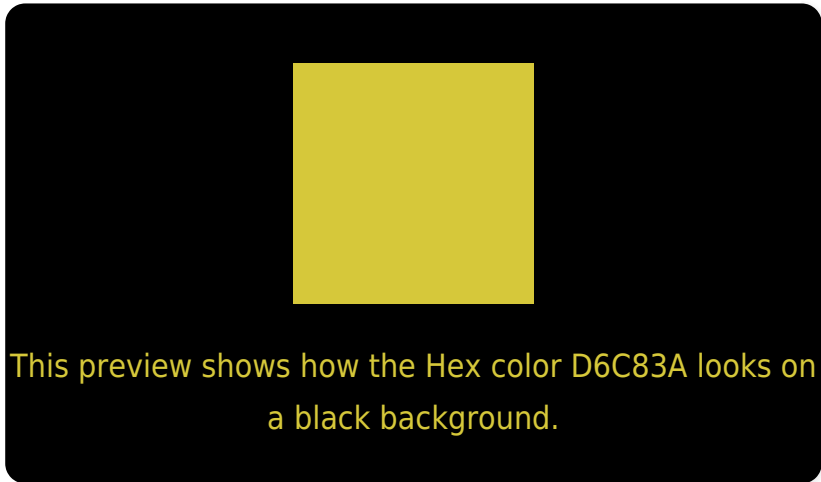
Large Text (above 18pt) WCAG AA × Fail

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 D6C83A Background



This preview shows how black text looks on a background with the Hex color D6C83A.



This preview shows how white text looks on a background with the Hex color D6C83A.

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
D6C83A

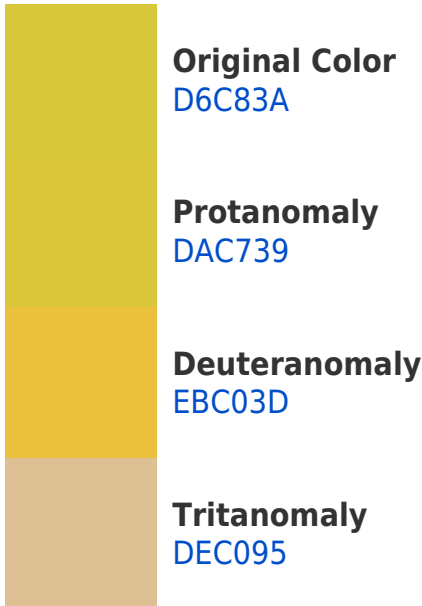
Protanopia
DDC639

Deuteranopia
F7BB3F

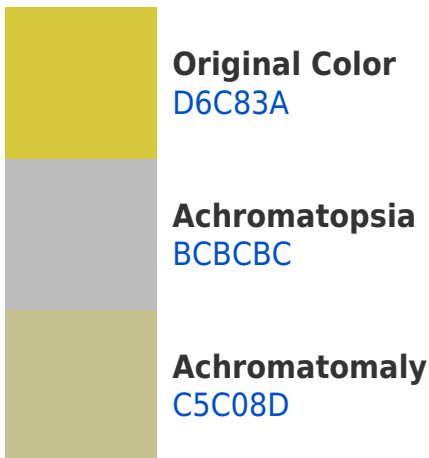


Tritanopia
E2BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6C83A 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 #D6C83A looks like.

```
.text, #text, p{  
    color:#D6C83A  
}
```

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 #D6C83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6C83A
}
```

Border

The CSS property to change the border of an element to Hex D6C83A 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
#D6C83A }
```

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

```
.border{ border-color:#D6C83A }
```

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

Here you see how a box with a 4 pixel #D6C83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6C83A; -webkit-box-shadow:4px 4px  
4px 4px #D6C83A; box-shadow:4px 4px 4px  
4px #D6C83A }
```

Background

The CSS property to change the background color of an element to Hex D6C83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6C83A }
```

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

```
.background{ background-color:#D6C83A }
```

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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