

Converting Colors

Hex(D6CE40)

Have a look what the booklet for
Hex(D6CE40) contains.

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Color

Hex(D6CE40)

Conversions

Conversions Part 1

Format	Color
Hex	D6CE40
RGB	214, 206, 64
RGB Percent	84%, 81%, 25%
CMY	0.1608, 0.1922, 0.7490
CMYK	0.00, 0.04, 0.70, 0.16
HSL	57°, 65%, 55%
HSV	57°, 70%, 84%
XYZ	50.7283, 58.8089, 13.5281
YIQ	192.2040, 50.3500, -42.4660

Conversions

Conversions Part 2

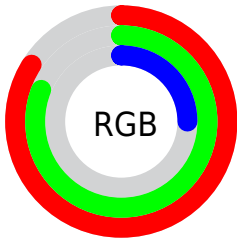
Format	Color
RYB	72, 214, 64
Decimal	14077504
CIELab	81.19, -13.33, 67.76
CIELCh	81, 69.063, 101.128
Yxy	58.8089, 0.4122, 0.4779
Android (android.graphics.Color)	4292267584 (0xFFD6CE40)
YUV	192.2040, -63.2046, 19.1151
Hunter-Lab	76.6870, -16.1248, 43.2217

Details

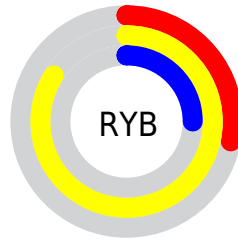
The Hex color **D6CE40** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4048D6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF78**, and **9C9800** is the 20% darker color. If you saturate the color by 10%, you get **D6CD2B**, and if you desaturate by 10%, it is **D6CF55**.

Distribution



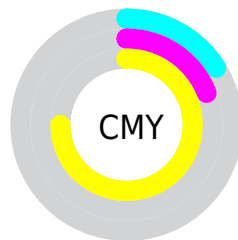
- Red (84%)
- Green (81%)
- Blue (25%)



- Red (28%)
- Yellow (84%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6CE40 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 D6CE40 by changing the saturation by 10% instead.

 D6CE40

 D6CE40

FFFFFF

 B9B320

 FFFF78

 9C9800

 FFFF94

 7F7E00

 FFFFB0

 646500

 FFFFCD

 484E00

 FFFFEA

 2E3700

 162200

 000800

 000000

 D6CE40

 D6CE40

 D6CD2B

 D6CF55

 D6CC15

 D6D06B

 D6CB00

 D6D180

 D6D396

 D6D4AB

 D6D5C0

 D6D6D6

 D6D7EB

 D6D8FF

Harmonies

Analogous

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



FFB74B



D6CE40



8FDE63

Triad

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



D6CE40



00E6FF



FF96F5

Complementary

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



D6CE40



4048D6

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.



EDAEFF



D6CE40



00DCFF

Square

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



D6CE40



00E9E1



7CC9FF



FF8FB4

Rectangle

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



D6CE40



49E488



7CC9FF



FF9DFF

Sweetspot

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



D6CE40



FFFCC9



D6404A



807E60



000000



808080

Same Dimension

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



D6CE40



FFF429



95D640



6B6B60



ABA200



2B2900

Inverse Universe

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



4048D6



2934FF



8140D6



60616B



0009AB



00022B

Previews

White Background



This preview shows how the Hex color D6CE40 looks on a white background.

Color Contrast Check

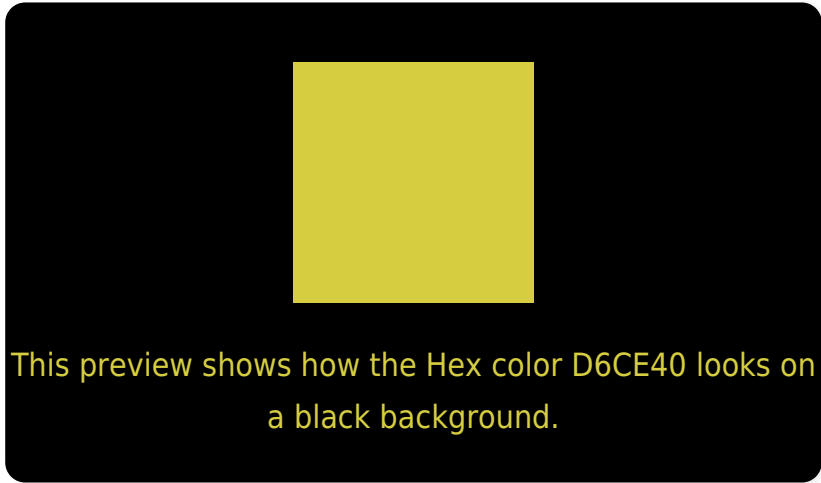
Large Text (above 18pt) WCAG AA × Fail

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 D6CE40 Background



This preview shows how black text looks on a background with the Hex color D6CE40.

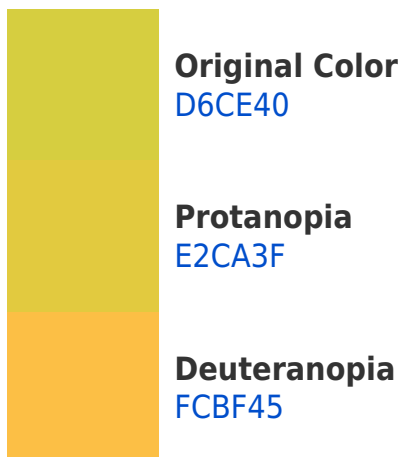


This preview shows how white text looks on a background with the Hex color D6CE40.

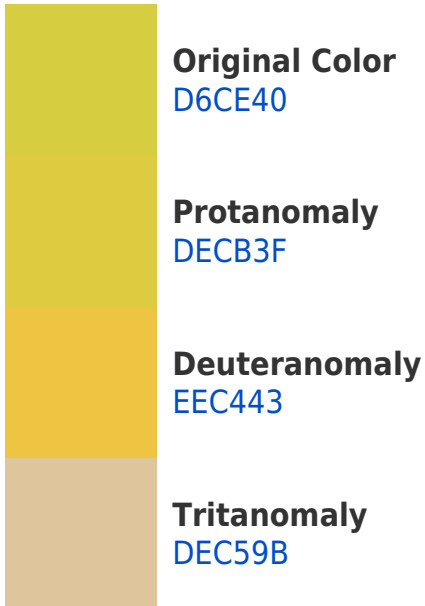
Color Blindness Simulation

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](#).

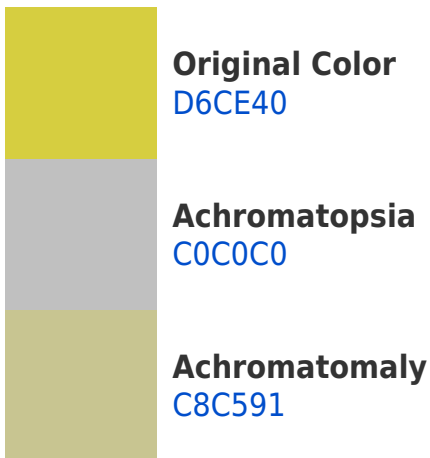
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6CE40 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 #D6CE40 looks like.

```
.text, #text, p{  
    color:#D6CE40  
}
```

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 #D6CE40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6CE40
}
```

Border

The CSS property to change the border of an element to Hex D6CE40 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
#D6CE40 }
```

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

```
.border{ border-color:#D6CE40 }
```

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

Here you see how a box with a 4 pixel #D6CE40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6CE40; -webkit-box-shadow:4px 4px  
4px 4px #D6CE40; box-shadow:4px 4px 4px  
4px #D6CE40 }
```

Background

The CSS property to change the background color of an element to Hex D6CE40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6CE40 }
```

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

```
.background{ background-color:#D6CE40 }
```

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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