

Converting Colors

Hex(D6D12B)

Have a look what the booklet for
Hex(D6D12B) contains.

Hex(D6D12B)	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(D6D12B)

Conversions

Conversions Part 1

Format	Color
Hex	D6D12B
RGB	214, 209, 43
RGB Percent	84%, 82%, 17%
CMY	0.1608, 0.1804, 0.8314
CMYK	0.00, 0.02, 0.80, 0.16
HSL	58°, 68%, 50%
HSV	58°, 80%, 84%
XYZ	50.9681, 60.0715, 11.1942
YIQ	191.5710, 56.2660, -50.5660

Conversions

Conversions Part 2

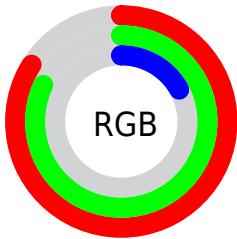
Format	Color
R _Y B	48, 214, 43
Decimal	14078251
CIE Lab	81.88, -15.67, 75.06
CIE LCh	82, 76.678, 101.791
Yxy	60.0715, 0.4170, 0.4914
Android (android.graphics.Color)	4292268331 (0xFFD6D12B)
YUV	191.5710, -73.2455, 19.6702
Hunter-Lab	77.5058, -18.2530, 45.6908

Details

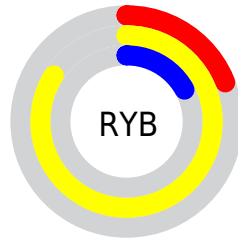
The Hex color **D6D12B** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2B30D6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF68**, and **9B9B00** is the 20% darker color. If you saturate the color by 10%, you get **D6D016**, and if you desaturate by 10%, it is **D6D240**.

Distribution



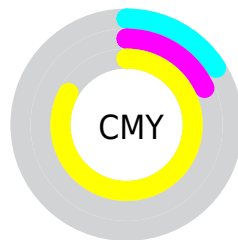
- Red (84%)
- Green (82%)
- Blue (17%)



- Red (19%)
- Yellow (84%)
- Blue (17%)



- Cyan (0%)
- Magenta (2%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6D12B 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 D6D12B by changing the saturation by 10% instead.

 D6D12B

 D6D12B

FFFFFF

 B8B600

 FFFF68

 9B9B00

 FFFF85

 7E8100

 FFFFA1

 636800

 FFFFBE

 475000

 FFFFDC

 2C3A00

 FFFFF9

 142400

 000D00

 000000

 D6D12B

 D6D12B

 D6D016

 D6D240

 D6D000

 D6D256

 D6D36B

 D6D481

 D6D496

 D6D5AB

 D6D5C1

 D6D6D6

 D6D7EC

Harmonies

Analogous

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



FFB83A



D6D12B



86E259

Triad

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



D6D12B



00EBFF



FF8FFA

Complementary

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



D6D12B



2B30D6

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.



F4ACFF



D6D12B



00E0FF

Square

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



D6D12B



00EEE7



6ECAFF



FF87B2

Rectangle

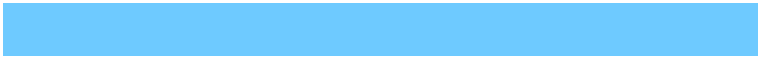
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6D12B



20E984



6ECAFF



FF97FF

Sweetspot

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



D6D12B



FFFDC2



D62B31



807E5B



000000



808080

Same Dimension

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



D6D12B



FFF80A



86D62B



6B6B60



ABA600



2B2A00

Inverse Universe

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



2B30D6



0A11FF



7B2BD6



60616B



0005AB



00012B

Previews

White Background



This preview shows how the Hex color D6D12B looks on a white background.

Color Contrast Check

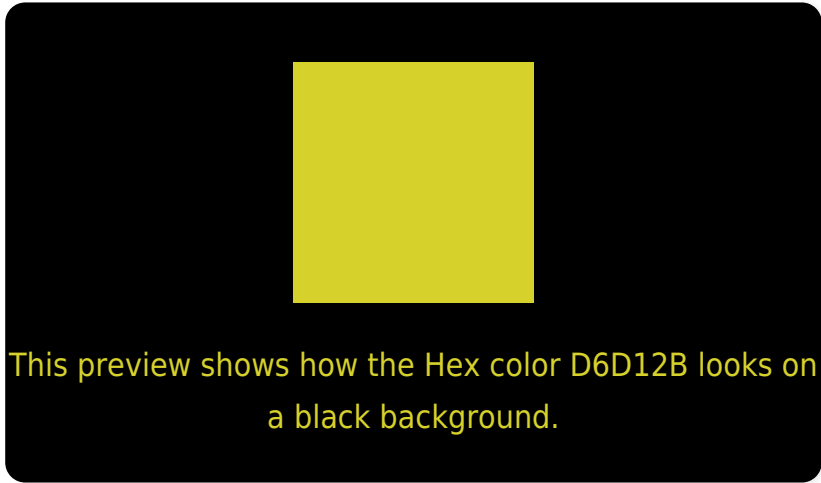
Large Text (above 18pt) WCAG AA × Fail

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 D6D12B Background



This preview shows how black text looks on a background with the Hex color D6D12B.

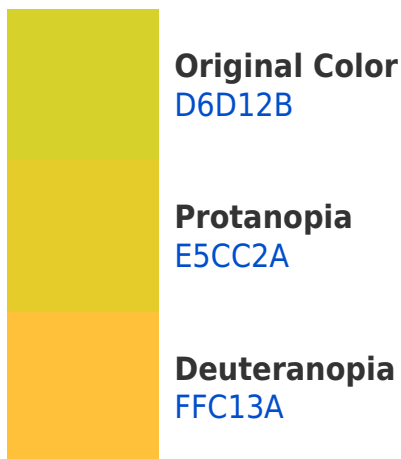


This preview shows how white text looks on a background with the Hex color D6D12B.

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](#).

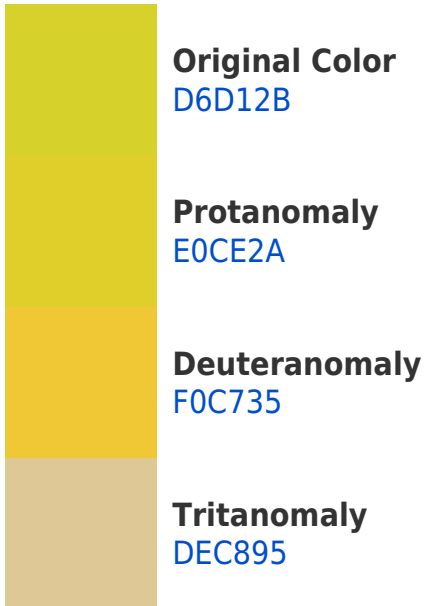
Dichromacy



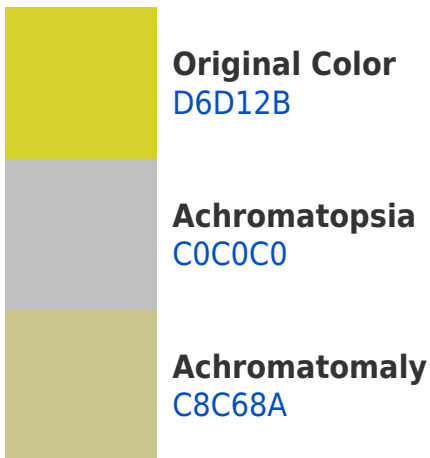


Tritanopia
E3C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6D12B 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 #D6D12B looks like.

```
.text, #text, p{  
    color:#D6D12B  
}
```

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 #D6D12B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6D12B
}
```

Border

The CSS property to change the border of an element to Hex D6D12B 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
#D6D12B }
```

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

```
.border{ border-color:#D6D12B }
```

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

Here you see how a box with a 4 pixel #D6D12B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6D12B; -webkit-box-shadow:4px 4px  
4px 4px #D6D12B; box-shadow:4px 4px 4px  
4px #D6D12B }
```

Background

The CSS property to change the background color of an element to Hex D6D12B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6D12B }
```

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

```
.background{ background-color:#D6D12B }
```

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