

# Converting Colors

Hex(D5D400)

Have a look what the booklet for  
Hex(D5D400) contains.

<b>Hex(D5D400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D5D400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D400
RGB	213, 212, 0
RGB Percent	84%, 83%, 0%
CMY	0.1647, 0.1686, 1.0000
CMYK	0.00, 0.00, 1.00, 0.16
HSL	60°, 100%, 42%
HSV	60°, 100%, 84%
XYZ	50.9841, 61.2331, 9.1320
YIQ	188.1310, 68.6480, -65.7200

# Conversions

## Conversions Part 2

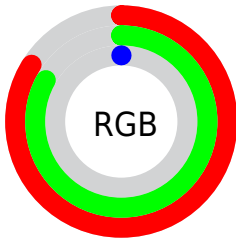
Format	Color
<a href="#">RYB</a>	<a href="#">1, 213, 0</a>
Decimal	<a href="#">14013440</a>
CIELab	<a href="#">82.50, -18.33, 82.29</a>
CIELCh	<a href="#">83, 84.305, 102.556</a>
Yxy	<a href="#">61.2331, 0.4201, 0.5046</a>
Android (android.graphics.Color)	<a href="#">4292203520</a> ( <a href="#">0xFFD5D400</a> )
YUV	<a href="#">188.1310, -92.7486, 21.8101</a>
Hunter-Lab	<a href="#">78.2516, -20.6403, 47.8569</a>

# Details

The Hex color **D5D400** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0001D5**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF57**, and **9A9E00** is the 20% darker color. If you saturate the color by 10%, you get **D5D400**, and if you desaturate by 10%, it is **D5D415**.

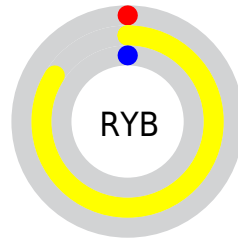
# Distribution



Red (84%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (0%)

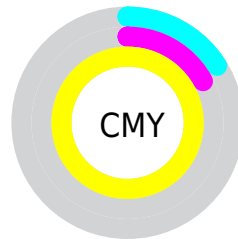


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (17%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5D400 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 D5D400 by changing the saturation by 10% instead.



 D5D400

 D5D400

FFFFFF

 B7B800

 FFFF57

 9A9E00

 FFFF75

 7D8400

 FFFF92

 606B00

 FFFFAF

 445300

 FFFFCC

 2A3C00

 FFFFEA

 102600

 001000

 000000

 D5D400

 D5D415

 D5D42B

 D5D440

 D5D455

 D5D56B

 D5D580

 D5D595

 D5D5AA

 D5D5C0

# Harmonies

## Analogous

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



FFB823



D5D400



7BE64E

# Triad

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



D5D400



00EFFF



FF87FF

# Complementary

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



D5D400



0001D5

# 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.



FBA9FF



D5D400



00E3FF

# Square

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



D5D400



00F2ED



5ECBFF



FF7EAF

# Rectangle

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



D5D400



00ED80



5ECBFF



FF91FF



# Sweetspot

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



D5D400



FFFFB3



D50004



807F52



000000



808080



# Same Dimension

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



D5D400



FFFE00



6ED500



6B6B60



ABAA00



2B2B00



# Inverse Universe

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



0001D5



0001FF



6700D5



60606B



0001AB



00002B



# Previews

## White Background



This preview shows how the Hex color D5D400 looks on a white background.

## Color Contrast Check

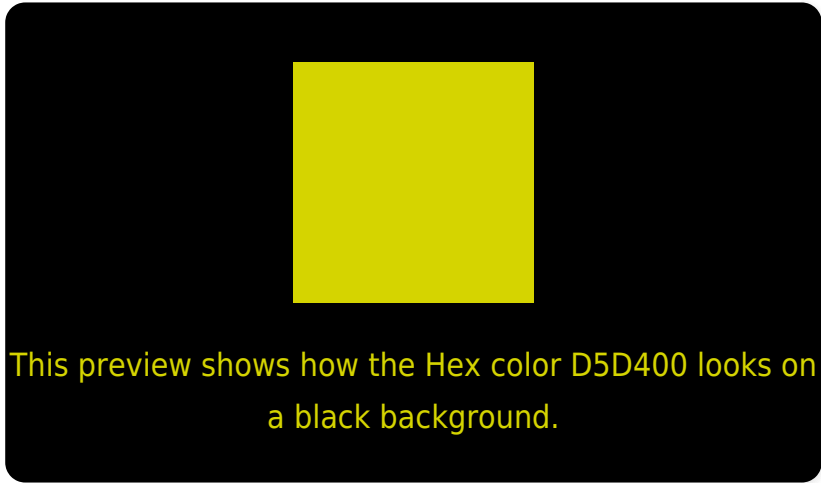
Large Text (above 18pt) WCAG AA × Fail

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 D5D400 Background



This preview shows how black text looks on a background with the Hex color D5D400.

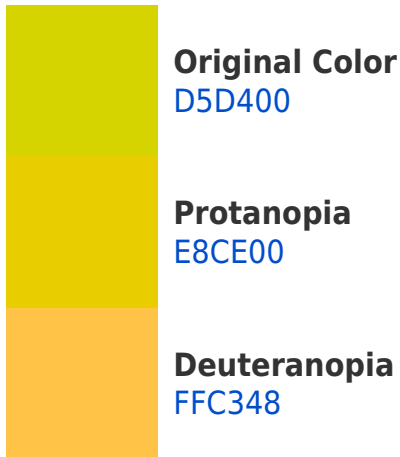


This preview shows how white text looks on a background with the Hex color D5D400.

# 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](#).

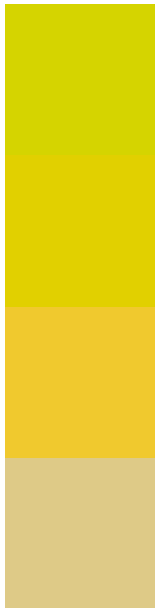
## Dichromacy





**Tritanopia**  
E3C5D4

# Trichromacy



**Original Color**  
D5D400

**Protanomaly**  
E1D000

**Deuteranomaly**  
F0C92E

**Tritanomaly**  
DECA87

# Monochromacy



**Original Color**  
D5D400

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
C5C578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5D400 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 #D5D400 looks like.

```
.text, #text, p{  
    color:#D5D400  
}
```

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 #D5D400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D400
}
```

## Border

The CSS property to change the border of an element to Hex D5D400 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
#D5D400 }
```

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

```
.border{ border-color:#D5D400 }
```

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

Here you see how a box with a 4 pixel #D5D400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D400; -webkit-box-shadow:4px 4px  
4px 4px #D5D400; box-shadow:4px 4px 4px  
4px #D5D400 }
```

# Background

The CSS property to change the background color of an element to Hex D5D400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D400 }
```

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

```
.background{ background-color:#D5D400 }
```

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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