

# Converting Colors

Hex(D0D654)

Have a look what the booklet for  
Hex(D0D654) contains.

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# **Color**

**Hex(D0D654)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D654
RGB	208, 214, 84
RGB Percent	82%, 84%, 33%
CMY	0.1843, 0.1608, 0.6706
CMYK	0.03, 0.00, 0.61, 0.16
HSL	63°, 61%, 58%
HSV	63°, 61%, 84%
XYZ	51.6592, 62.1431, 17.6596
YIQ	197.3860, 38.1540, -41.7020

# Conversions

## Conversions Part 2

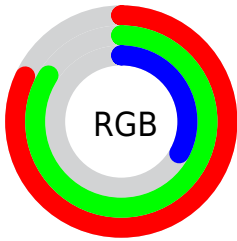
Format	Color
<a href="#">RYB</a>	<a href="#">84, 214, 90</a>
Decimal	<a href="#">13686356</a>
CIELab	<a href="#">82.99, -18.64, 61.60</a>
CIELCh	<a href="#">83, 64.359, 106.831</a>
Yxy	<a href="#">62.1431, 0.3930, 0.4727</a>
Android (android.graphics.Color)	<a href="#">4291876436 (0xFFD0D654)</a>
YUV	<a href="#">197.3860, -55.8993, 9.3085</a>
Hunter-Lab	<a href="#">78.8309, -20.9800, 41.8996</a>

# Details

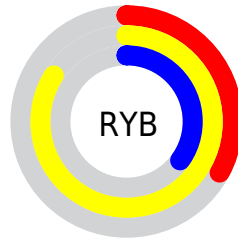
The Hex color **D0D654** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5A54D6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF8B**, and **979F18** is the 20% darker color. If you saturate the color by 10%, you get **CFD63F**, and if you desaturate by 10%, it is **D1D669**.

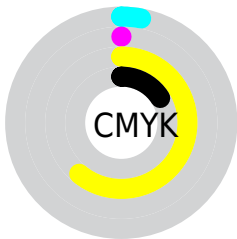
# Distribution



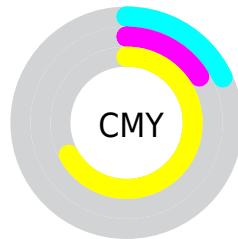
- Red (82%)
- Green (84%)
- Blue (33%)



- Red (33%)
- Yellow (84%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D654 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 D0D654 by changing the saturation by 10% instead.



 D0D654

 D0D654

FFFFFF

 B3BA38

 FFFF8B

 979F18

 FFFFA6

 7B8500

 FFFFC3


 606C00

 FFFFEO

 455400

FFFFFFD

 2B3D00

 112700

 001200

 000000

 D0D654

 D0D654

 CFD63F

 D1D669

 CED629

 D2D67F

 CDD614

 D3D694

 CCD600

 D4D6AA

 D5D6BF

 D6D6D4

 D7D6EA

 D8D6FF

 D9D6FF

# Harmonies

## Analogous

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



FFC255



D0D654



8BE478

# Triad

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



D0D654



00E9FF



FF9DEC

# Complementary

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



D0D654



5A54D6

# 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.



FEB1FF



D0D654



00DDFF

# Square

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



D0D654



00EDF0



A4C9FF



FF9BAF

# Rectangle

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



D0D654



45E99D



A4C9FF



FFA2FF



# Sweetspot

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



D0D654



FDFFD1



D65854



7E8063



000000



808080



# Same Dimension

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



D0D654



F6FF45



91D654



6B6B60



A3AB00



292B00



# Inverse Universe

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



5A54D6



4D45FF



9954D6



61606B



0800AB



02002B



# Previews

## White Background



This preview shows how the Hex color D0D654 looks on a white background.

## Color Contrast Check

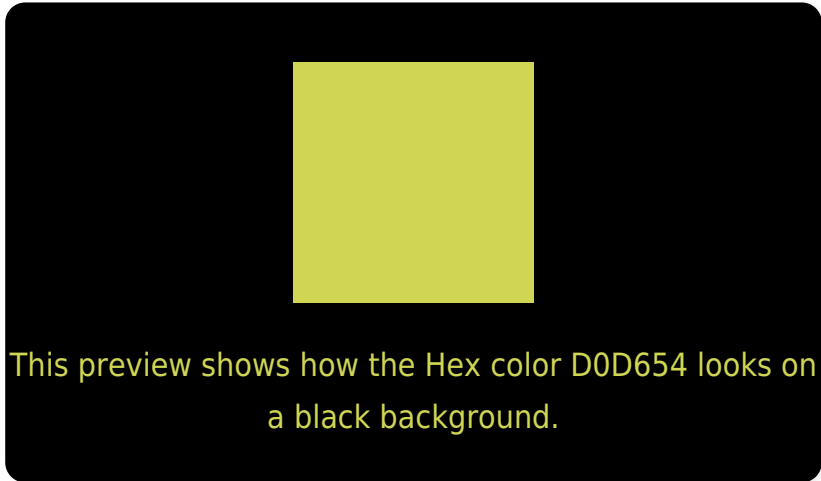
Large Text (above 18pt) WCAG AA × Fail

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 D0D654 Background



This preview shows how black text looks on a background with the Hex color D0D654.

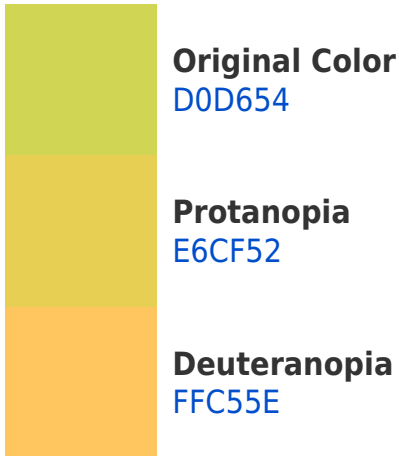


This preview shows how white text looks on a background with the Hex color D0D654.

# 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](#).

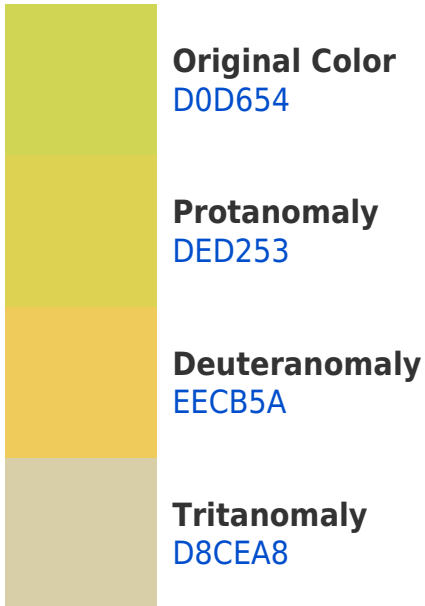
## Dichromacy





**Tritanopia**  
DDC9D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D654 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 #D0D654 looks like.

```
.text, #text, p{  
    color:#D0D654  
}
```

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 #D0D654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D654
}
```

## Border

The CSS property to change the border of an element to Hex D0D654 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
#D0D654 }
```

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

```
.border{ border-color:#D0D654 }
```

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

Here you see how a box with a 4 pixel #D0D654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D654; -webkit-box-shadow:4px 4px  
4px 4px #D0D654; box-shadow:4px 4px 4px  
4px #D0D654 }
```

# Background

The CSS property to change the background color of an element to Hex D0D654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D654 }
```

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

```
.background{ background-color:#D0D654 }
```

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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