

# Converting Colors

Hex(D0D24F)

Have a look what the booklet for  
Hex(D0D24F) contains.

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# **Color**

**Hex(D0D24F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D24F
RGB	208, 210, 79
RGB Percent	82%, 82%, 31%
CMY	0.1843, 0.1765, 0.6902
CMYK	0.01, 0.00, 0.62, 0.18
HSL	61°, 59%, 57%
HSV	61°, 62%, 82%
XYZ	50.4703, 60.0676, 16.3313
YIQ	194.4680, 40.8590, -41.1650

# Conversions

## Conversions Part 2

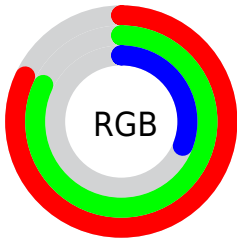
Format	Color
<b>RYB</b>	79, 210, 81
Decimal	13685327
CIELab	81.87, -16.99, 62.49
CIELCh	82, 64.754, 105.207
Yxy	60.0676, 0.3978, 0.4735
Android (android.graphics.Color)	4291875407 (0xFFD0D24F)
YUV	194.4680, -56.9257, 11.8676
Hunter-Lab	77.5033, -19.3912, 41.7589

# Details

The Hex color **D0D24F** 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 **514FD2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF86**, and **979C10** is the 20% darker color. If you saturate the color by 10%, you get **D0D23A**, and if you desaturate by 10%, it is **D0D264**.

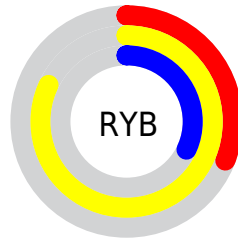
# Distribution



Red (82%)

Green (82%)

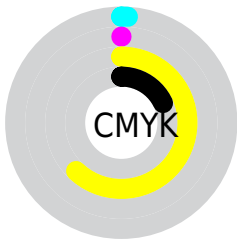
Blue (31%)



Red (31%)

Yellow (82%)

Blue (32%)

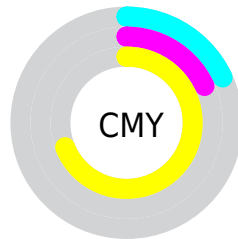


Cyan (1%)

Magenta (0%)

Yellow (62%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D24F 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 D0D24F by changing the saturation by 10% instead.



 D0D24F

 D0D24F

FFFFFF

 B3B633

 FFFF86

 979C10

 FFFFA1

 7B8200

 FFFFBE

 5F6900

 FFFFDA

 455100

 FFFFF8

 2A3A00

 112400

 000D00

 000000

 D0D24F

 D0D24F

 D0D23A

 D0D264

 CFD225

 D1D279

 CFD210

 D1D28E

 CFD200

 D1D2A3

 D2D2B8

 D2D2CD

 D2D2E2

 D3D2F7

 D3D2FF

# Harmonies

## Analogous

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



FFBE52



D0D24F



8BE072

# Triad

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



D0D24F



00E6FF



FF9AEC

# Complementary

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



D0D24F



514FD2

# Split Complementary

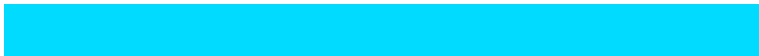
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F7AFFF



D0D24F



00DBFF

# Square

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



D0D24F



00EAEA



99C7FF



FF97AF

# Rectangle

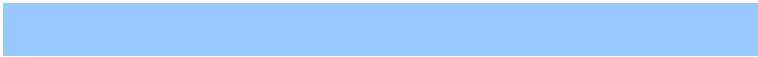
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0D24F



47E696



99C7FF



FFA0FF



# Sweetspot

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



D0D24F



FEFFCF



D24F4F



7F8062



000000



808080



# Same Dimension

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



D0D24F



FCFF40



91D24F



68695E



A6A800



282900



# Inverse Universe

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



514FD2



4340FF



914FD2



5E5E69



0300A8



010029



# Previews

## White Background



This preview shows how the Hex color D0D24F 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



This preview shows how the Hex color D0D24F looks on a 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 D0D24F Background



This preview shows how black text looks on a background with the Hex color D0D24F.

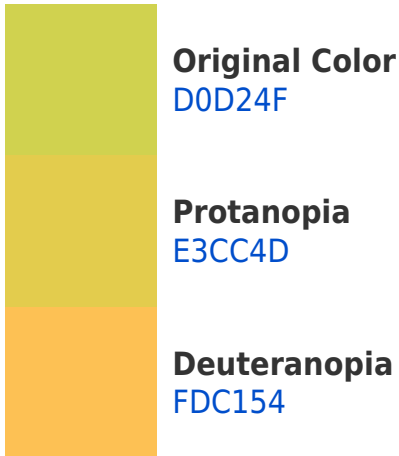


This preview shows how white text looks on a background with the Hex color D0D24F.

# 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



**Original Color**  
D0D24F

**Protanomaly**  
DCCE4E

**Deuteranomaly**  
EDC752

**Tritanomaly**  
D8CAA4

# Monochromacy



**Original Color**  
D0D24F

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C7C898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D24F 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 #D0D24F looks like.

```
.text, #text, p{  
    color:#D0D24F  
}
```

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 #D0D24F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D24F
}
```

## Border

The CSS property to change the border of an element to Hex D0D24F 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
#D0D24F }
```

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

```
.border{ border-color:#D0D24F }
```

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

Here you see how a box with a 4 pixel #D0D24F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D24F; -webkit-box-shadow:4px 4px  
4px 4px #D0D24F; box-shadow:4px 4px 4px  
4px #D0D24F }
```

# Background

The CSS property to change the background color of an element to Hex D0D24F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D24F }
```

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

```
.background{ background-color:#D0D24F }
```

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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