

Converting Colors

Hex(D0D12A)

Have a look what the booklet for
Hex(D0D12A) contains.

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Color

Hex(D0D12A)

Conversions

Conversions Part 1

Format	Color
Hex	D0D12A
RGB	208, 209, 42
RGB Percent	82%, 82%, 16%
CMY	0.1843, 0.1804, 0.8353
CMYK	0.00, 0.00, 0.80, 0.18
HSL	60°, 67%, 49%
HSV	60°, 80%, 82%
XYZ	49.2308, 59.1780, 11.0182
YIQ	189.6630, 53.0110, -52.1490

Conversions

Conversions Part 2

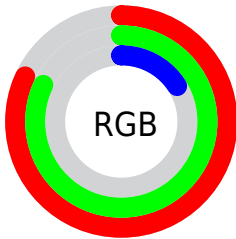
Format	Color
R _Y B	42, 209, 43
Decimal	13685034
CIE Lab	81.39, -18.23, 74.71
CIE LCh	81, 76.906, 103.716
Yxy	59.1780, 0.4122, 0.4955
Android (android.graphics.Color)	4291875114 (0xFFD0D12A)
YUV	189.6630, -72.7979, 16.0815
Hunter-Lab	76.9272, -20.3887, 45.3570

Details

The Hex color **D0D12A** 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 **2B2AD1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF68**, and **959B00** is the 20% darker color. If you saturate the color by 10%, you get **D0D115**, and if you desaturate by 10%, it is **D0D13F**.

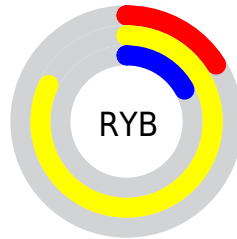
Distribution



Red (82%)

Green (82%)

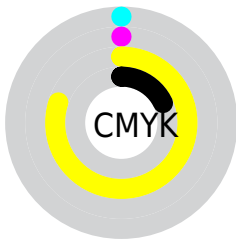
Blue (16%)



Red (16%)

Yellow (82%)

Blue (17%)

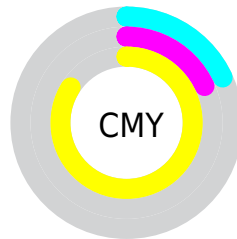


Cyan (0%)

Magenta (0%)

Yellow (80%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0D12A 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 D0D12A by changing the saturation by 10% instead.

 D0D12A

 D0D12A

FFFFFF

 B2B600

 FFFF68

 959B00

 FFFF84

 798100

 FFFFA1

 5D6800

 FFFFBD

 425000

 FFFFDB

 273900

 FFFFF8

 0D2400

 000A00

 000000

 D0D12A

 D0D12A

 D0D115

 D0D13F

 D0D100

 D0D154

 D0D169

 D1D17E

 D1D193

 D1D1A7

 D1D1BC

 D1D1D1

 D1D1E6

Harmonies

Analogous

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



FFB835



D0D12A



7EE15B

Triad

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



D0D12A



00E9FF



FF8CF4

Complementary

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



D0D12A



2B2AD1

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.



F8A8FF



D0D12A



00DDFF

Square

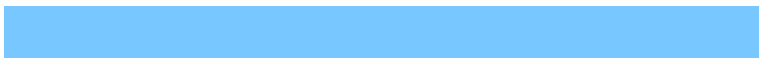
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0D12A



00EDEA



79C7FF



FF86AC

Rectangle

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



D0D12A



00E887



79C7FF



FF94FF

Sweetspot

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



D0D12A



FFFFC2



D12A2A



7F805B



000000



808080

Same Dimension

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



D0D12A



FEFF0A



7ED12A



68695E



A7A800



292900

Inverse Universe

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



2B2AD1



0C0AFF



7E2AD1



5E5E69



0100A8



000029

Previews

White Background



This preview shows how the Hex color D0D12A looks on a white background.

Color Contrast Check

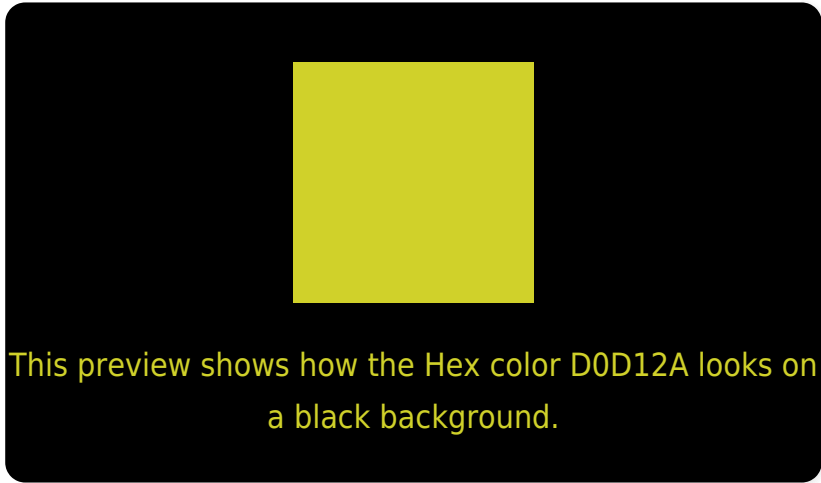
Large Text (above 18pt) WCAG AA × Fail

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 D0D12A Background



This preview shows how black text looks on a background with the Hex color D0D12A.



This preview shows how white text looks on a background with the Hex color D0D12A.

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



Original Color
D0D12A

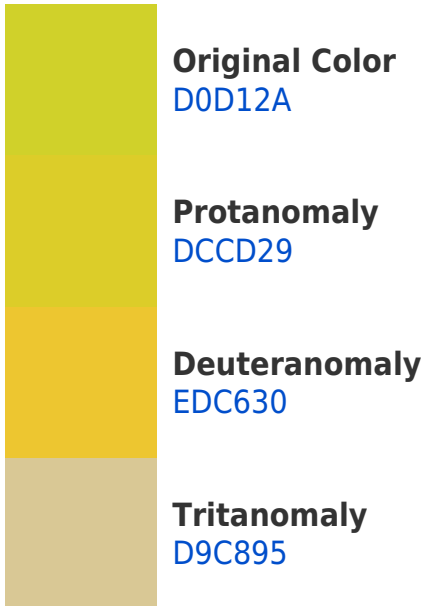
Protanopia
E3CB28

Deuteranopia
FEC033



Tritanopia
DEC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0D12A 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 #D0D12A looks like.

```
.text, #text, p{  
    color:#D0D12A  
}
```

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 #D0D12A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D12A
}
```

Border

The CSS property to change the border of an element to Hex D0D12A 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
#D0D12A }
```

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

```
.border{ border-color:#D0D12A }
```

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

Here you see how a box with a 4 pixel #D0D12A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D12A; -webkit-box-shadow:4px 4px  
4px 4px #D0D12A; box-shadow:4px 4px 4px  
4px #D0D12A }
```

Background

The CSS property to change the background color of an element to Hex D0D12A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D12A }
```

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

```
.background{ background-color:#D0D12A }
```

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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