

Converting Colors

Hex(0DB926)

Have a look what the booklet for
Hex(0DB926) contains.

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Color

Hex(0DB926)

Conversions

Conversions Part 1

Format	Color
Hex	0DB926
RGB	13, 185, 38
RGB Percent	5%, 73%, 15%
CMY	0.9490, 0.2745, 0.8510
CMYK	0.93, 0.00, 0.79, 0.27
HSL	129°, 87%, 39%
HSV	129°, 93%, 73%
XYZ	17.8648, 34.9234, 7.6330
YIQ	116.8140, -55.3250, -82.1810

Conversions

Conversions Part 2

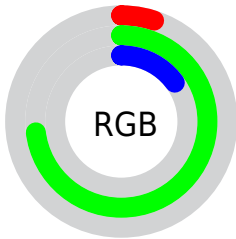
Format	Color
RYB	13, 163, 185
Decimal	899366
CIELab	65.69, -65.70, 58.38
CIELCh	66, 87.886, 138.376
Yxy	34.9234, 0.2957, 0.5780
Android (android.graphics.Color)	4279089446 (0xFF0DB926)
YUV	116.8140, -38.8553, -91.0449
Hunter-Lab	59.0960, -49.4574, 33.7091

Details

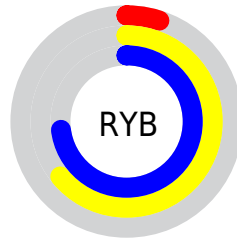
The Hex color **0DB926** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B90DA0**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **65F25F**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **00B91B**, and if you desaturate by 10%, it is **20B936**.

Distribution



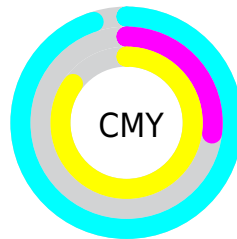
- Red (5%)
- Green (73%)
- Blue (15%)



- Red (5%)
- Yellow (64%)
- Blue (73%)



- Cyan (93%)
- Magenta (0%)
- Yellow (79%)
- Black (27%)



- Cyan (95%)
- Magenta (27%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DB926 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 0DB926 by changing the saturation by 10% instead.

 0DB926

 0DB926


FFFFFF

 009D00

 65F25F

 008200

 85FF7A

 006800

 A4FF96

 004E00

 C2FFB2

 003700

 E1FFCF

 001C00

 FFFFE0

 000000

 0DB926

 0DB926

 00B91B

 20B936

 32B946

 45B955

 57B965

 6AB975

 7CB985

 8FB995

 A1B9A4

 B4B9B4

Harmonies

Analogous

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



93AB00



0DB926



00C07D

Triad

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



0DB926



00B2FF



FF4273

Complementary

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



0DB926



B90DA0

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.



FF44C2



0DB926



3E98FF

Square

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



0DB926



00BFFF



DD70FF



FF6B26

Rectangle

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



0DB926



00C2B4



DD70FF



FF3B8D

Sweetspot

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



0DB926



ADF0B6



A2B90D



4F7855



F7F7F7



787878

Same Dimension

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



0DB926



00F023



0DB97A



535C54



009C17



001C04

Inverse Universe

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



B90DA0



F000CD



B90D4C



5C535A



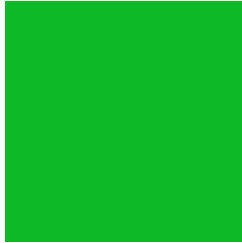
9C0085



1C0018

Previews

White Background



This preview shows how the Hex color 0DB926 looks on a white background.

Color Contrast Check

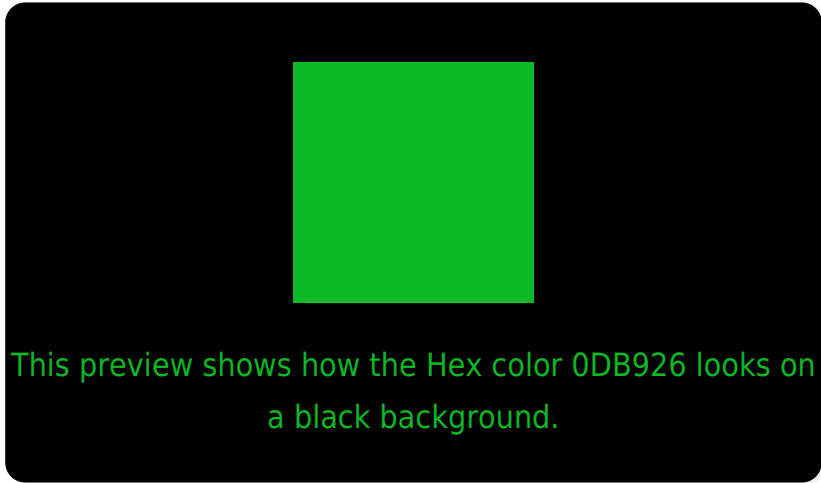
Large Text (above 18pt) WCAG AA × Fail

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 0DB926 Background



This preview shows how black text looks on a background with the Hex color 0DB926.

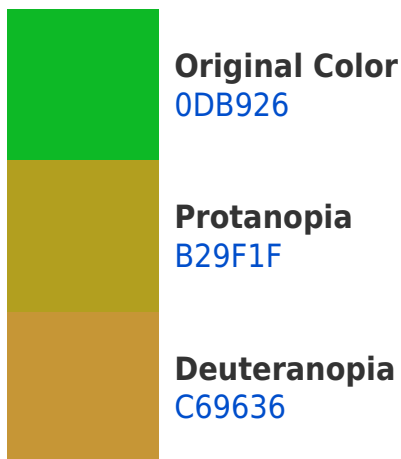


This preview shows how white text looks on a background with the Hex color 0DB926.

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



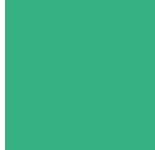
Original Color
0DB926



Protanomaly
76A822



Deuteranomaly
83A330



Tritanomaly
36B184

Monochromacy



Original Color
0DB926



Achromatopsia
757575



Achromatomaly
4F8E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DB926 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 #0DB926 looks like.

```
.text, #text, p{  
    color:#0DB926  
}
```

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 #0DB926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DB926  
}
```

Border

The CSS property to change the border of an element to Hex 0DB926 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".

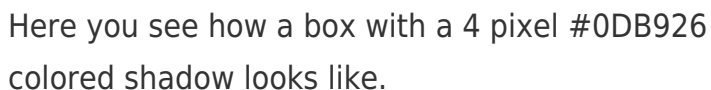
```
.border, #border, table{ border:4px solid  
#0DB926 }
```

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

```
.border{ border-color:#0DB926 }
```

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

Here you see how a box with a 4 pixel #0DB926 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DB926; -webkit-box-shadow:4px 4px  
4px 4px #0DB926; box-shadow:4px 4px 4px  
4px #0DB926 }
```

Background

The CSS property to change the background color of an element to Hex 0DB926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DB926 }
```

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

```
.background{ background-color:#0DB926 }
```

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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