

# Converting Colors

Hex(C0D926)

Have a look what the booklet for  
Hex(C0D926) contains.

<b>Hex(C0D926)</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(C0D926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0D926
RGB	192, 217, 38
RGB Percent	75%, 85%, 15%
CMY	0.2471, 0.1490, 0.8510
CMYK	0.12, 0.00, 0.82, 0.15
HSL	68°, 70%, 50%
HSV	68°, 82%, 85%
XYZ	46.9009, 60.9721, 11.1306
YIQ	189.1190, 42.5590, -60.9690

# Conversions

## Conversions Part 2

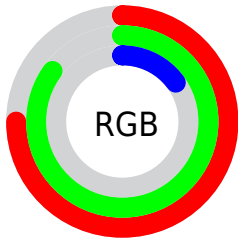
Format	Color
<b>RYB</b>	<b>38, 217, 63</b>
Decimal	12638502
CIELab	82.36, -28.87, 76.08
CIELCh	82, 81.372, 110.782
Yxy	60.9721, 0.3941, 0.5124
Android (android.graphics.Color)	4290828582 (0xFFC0D926)
YUV	189.1190, -74.5017, 2.5266
Hunter-Lab	78.0846, -29.4335, 46.2078

# Details

The Hex color **C0D926** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3F26D9**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FCFF66**, and **86A200** is the 20% darker color. If you saturate the color by 10%, you get **BDD910**, and if you desaturate by 10%, it is **C3D93C**.

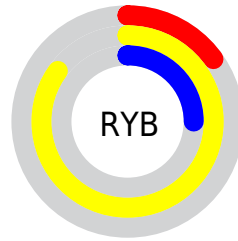
# Distribution



Red (75%)

Green (85%)

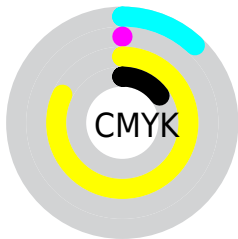
Blue (15%)



Red (15%)

Yellow (85%)

Blue (25%)

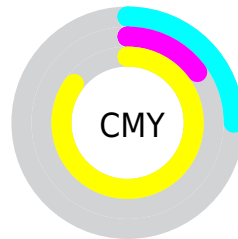


Cyan (12%)

Magenta (0%)

Yellow (82%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0D926 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 C0D926 by changing the saturation by 10% instead.



 C0D926

 C0D926

FFFFFF

 A3BD00

 FCFF66

 86A200

 FFFF83

 6A8800

 FFFF9F

 4E6F00

 FFFFBC

 325600

 FFFFDA

 143F00

 FFFFF7

 002800

 000F00

 000000

 C0D926

 C0D926

 BDD910

 C3D93C

 BBD900

 C6D951

 C9D967

 CCD97D

 CFD993

 D2D9A8

 D5D9BE

 D8D9D4

 DBD9E9

# Harmonies

## Analogous

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



FFC11E



C0D926



5DE866

# Triad

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



C0D926



00EBFF



FF85E8

# Complementary

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



C0D926



3F26D9

# 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.



FFA0FF



C0D926



00DDFF

# Square

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



C0D926



00F1FF



9FC3FF



FF869B

# Rectangle

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



C0D926



00EE98



9FC3FF



FF8CFF



# Sweetspot

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



C0D926



F6FFBF



D93E26



7A8059



000000



808080



# Same Dimension

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



C0D926



DCFF03



68D926



6C6E63



95AD00



272E00



# Inverse Universe

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



3F26D9



2603FF



9726D9



64636E



1800AD



06002E



# Previews

## White Background



This preview shows how the Hex color C0D926 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 C0D926 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 C0D926 Background



This preview shows how black text looks on a background with the Hex color C0D926.

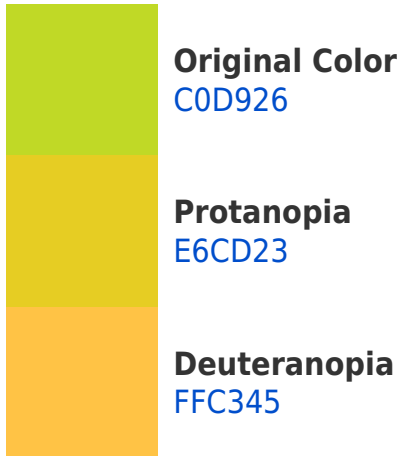


This preview shows how white text looks on a background with the Hex color C0D926.

# 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**  
C0D926

**Protanomaly**  
D8D124

**Deuteranomaly**  
E8CB3A

**Tritanomaly**  
CACF99

# Monochromacy



**Original Color**  
C0D926

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
BEC786

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0D926 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 #C0D926 looks like.

```
.text, #text, p{  
    color:#C0D926  
}
```

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 #C0D926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0D926
}
```

## Border

The CSS property to change the border of an element to Hex C0D926 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
#C0D926 }
```

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

```
.border{ border-color:#C0D926 }
```

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

Here you see how a box with a 4 pixel #C0D926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0D926; -webkit-box-shadow:4px 4px  
4px 4px #C0D926; box-shadow:4px 4px 4px  
4px #C0D926 }
```

# Background

The CSS property to change the background color of an element to Hex C0D926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0D926 }
```

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

```
.background{ background-color:#C0D926 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor