

# Converting Colors

Hex(C0D124)

Have a look what the booklet for  
Hex(C0D124) contains.

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# **Color**

**Hex(C0D124)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C0D124                      |
| RGB         | 192, 209, 36                |
| RGB Percent | 75%, 82%, 14%               |
| CMY         | 0.2471, 0.1804, 0.8588      |
| CMYK        | 0.08, 0.00, 0.83, 0.18      |
| HSL         | 66°, 71%, 48%               |
| HSV         | 66°, 83%, 82%               |
| XYZ         | 44.8571, 56.9348, 10.2944   |
| YIQ         | 184.1950, 45.4010, -57.4070 |

# Conversions

## Conversions Part 2

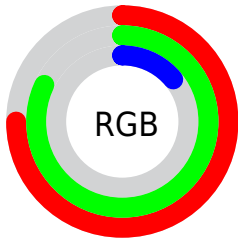
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 36, 209, 53                   |
| Decimal                             | 12636452                      |
| CIELab                              | 80.14, -25.12, 74.65          |
| CIELCh                              | 80, 78.766, 108.601           |
| Yxy                                 | 56.9348, 0.4002,<br>0.5080    |
| Android<br>(android.graphics.Color) | 4290826532<br>(0xFFC0D124)    |
| YUV                                 | 184.1950, -73.0601,<br>6.8450 |
| Hunter-Lab                          | 75.4551, -25.9305,<br>44.7296 |

# Details

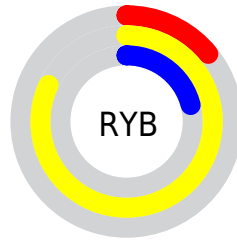
The Hex color **C0D124** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3524D1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FCFF63**, and **869B00** is the 20% darker color. If you saturate the color by 10%, you get **BED10F**, and if you desaturate by 10%, it is **C2D139**.

# Distribution



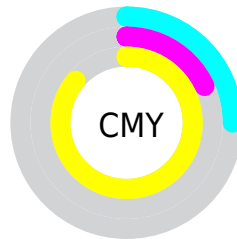
- Red (75%)
- Green (82%)
- Blue (14%)



- Red (14%)
- Yellow (82%)
- Blue (21%)



- Cyan (8%)
- Magenta (0%)
- Yellow (83%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0D124 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 C0D124 by changing the saturation by 10% instead.



 C0D124

 C0D124

FFFFFF

 A3B500

 FCFF63

 869B00

 FFFF80

 6A8100

 FFFF9D

 4E6800

 FFFFB9

 335000

 FFFFD7

 173900

 FFFFF4

 002300

 000100

 000000

 C0D124

 C0D124

 BED10F

 C2D139

 BCD100

 C4D14E

 C6D163

 C8D178

 CAD18C

 CCD1A1

 CED1B6

 D0D1CB

 D2D1E0

# Harmonies

## Analogous

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



FFB924



C0D124



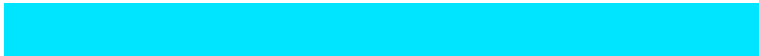
65E05F

# Triad

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



C0D124



00E5FF



FF83E6

# Complementary

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



C0D124



3524D1

# 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.



FF9FFF



C0D124



00D7FF

# Square

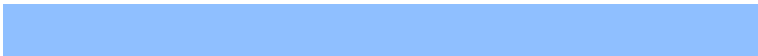
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C0D124



00E9F4



8FBFFF



FF829C

# Rectangle

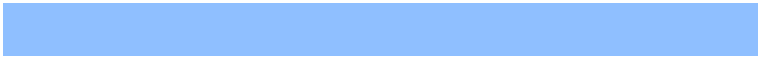
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C0D124



00E68E



8FBFFF



FF8AFE



# Sweetspot

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



C0D124



F9FFBF



D13224



7C8059



000000



808080



# Same Dimension

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



C0D124



E6FF03



6CD124



68695E



98A800



252900



# Inverse Universe

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



3524D1



1B03FF



8924D1



5F5E69



1100A8



040029



# Previews

## White Background



This preview shows how the Hex color C0D124 looks on a white background.

## Color Contrast Check

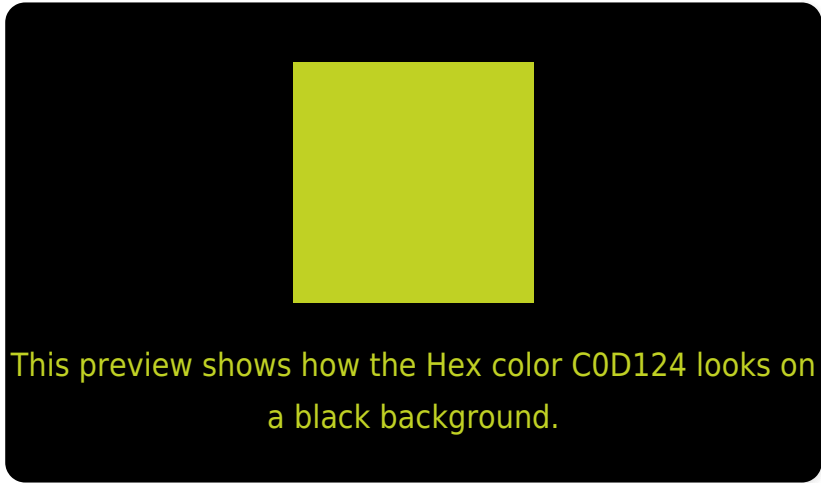
Large Text (above 18pt) WCAG AA × Fail

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 C0D124 Background



This preview shows how black text looks on a background with the Hex color C0D124.

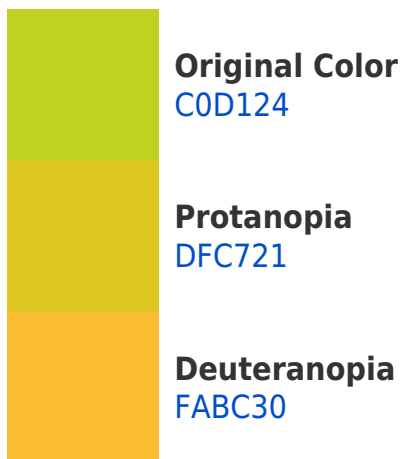


This preview shows how white text looks on a background with the Hex color C0D124.

# 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**  
C0D124

**Protanomaly**  
D4CB22

**Deuteranomaly**  
E5C42C

**Tritanomaly**  
CAC893

# Monochromacy



**Original Color**  
C0D124

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
BBC182

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0D124 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 #C0D124 looks like.

```
.text, #text, p{  
    color:#C0D124  
}
```

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 #C0D124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0D124
}
```

## Border

The CSS property to change the border of an element to Hex C0D124 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
#C0D124 }
```

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

```
.border{ border-color:#C0D124 }
```

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

Here you see how a box with a 4 pixel #C0D124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0D124; -webkit-box-shadow:4px 4px  
4px 4px #C0D124; box-shadow:4px 4px 4px  
4px #C0D124 }
```

# Background

The CSS property to change the background color of an element to Hex C0D124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0D124 }
```

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

```
.background{ background-color:#C0D124 }
```

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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