

# Converting Colors

Hex(C2D090)

Have a look what the booklet for  
Hex(C2D090) contains.

<b>Hex(C2D090)</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(C2D090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D090
RGB	194, 208, 144
RGB Percent	76%, 82%, 56%
CMY	0.2392, 0.1843, 0.4353
CMYK	0.07, 0.00, 0.31, 0.18
HSL	73°, 41%, 69%
HSV	73°, 31%, 82%
XYZ	49.8381, 58.5947, 35.0687
YIQ	196.5180, 12.2000, -22.8720

# Conversions

## Conversions Part 2

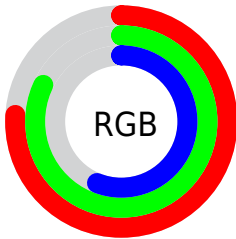
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 208, 158
Decimal	12767376
CIELab	81.07, -15.21, 30.27
CIELCh	81, 33.871, 116.677
Yxy	58.5947, 0.3473, 0.4083
Android (android.graphics.Color)	4290957456 (0xFFC2D090)
YUV	196.5180, -25.8914, -2.2083
Hunter-Lab	76.5472, -17.7404, 26.4204

# Details

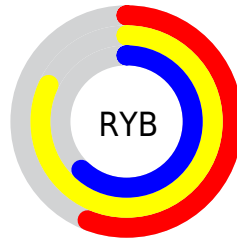
The Hex color **C2D090** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9E90D0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FBFFC6**, and **8C9A5D** is the 20% darker color. If you saturate the color by 10%, you get **BDD07B**, and if you desaturate by 10%, it is **C7D0A5**.

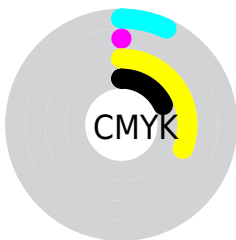
# Distribution



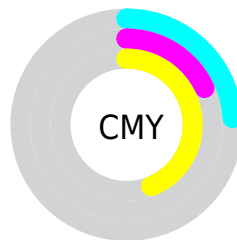
- Red (76%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D090 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 C2D090 by changing the saturation by 10% instead.



 C2D090

 C2D090

FFFFFF

 A6B476

 FBFFC6

 8C9A5D

 FFFFE2

 728045

 58672D

 404F16

 293800

 122200

 000700

 000000

 C2D090

 C2D090

 BDD07B

 C7D0A5

 B9D066

 CBD0BA

 B4D052

 D0D0CE

 B0D03D

 D4D0E3

 ABD028

 D9D0F8

 A7D013

 DDD0FF

 A3D000

 E2D0FF

 E6D0FF

 EBD0FF

# Harmonies

## Analogous

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



E3C68A



C2D090



9DD7A6

# Triad

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



C2D090



71D6FD



FFB2CE

# Complementary

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



C2D090



9E90D0

# Split Complementary

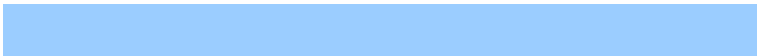
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFB8ED



C2D090



9BCDFF

# Square

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



C2D090



64DAE5



C9C2FF



FFB4AE

# Rectangle

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



C2D090



85DABA



C9C2FF



FFB3D9



# Sweetspot

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



C2D090



FAFFE8



D09E90



7C8071



000000



808080

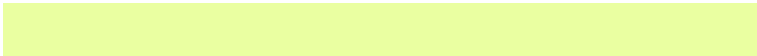


# Same Dimension

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



C2D090



EAFFA1



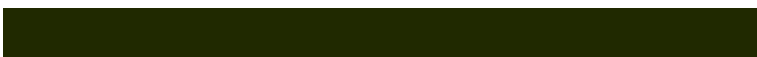
A2D090



66695E



83A800



202900



# Inverse Universe

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



9E90D0



B5A1FF



BE90D0



605E69



2500A8



090029



# Previews

## White Background



This preview shows how the Hex color C2D090 looks on a white background.

## Color Contrast Check

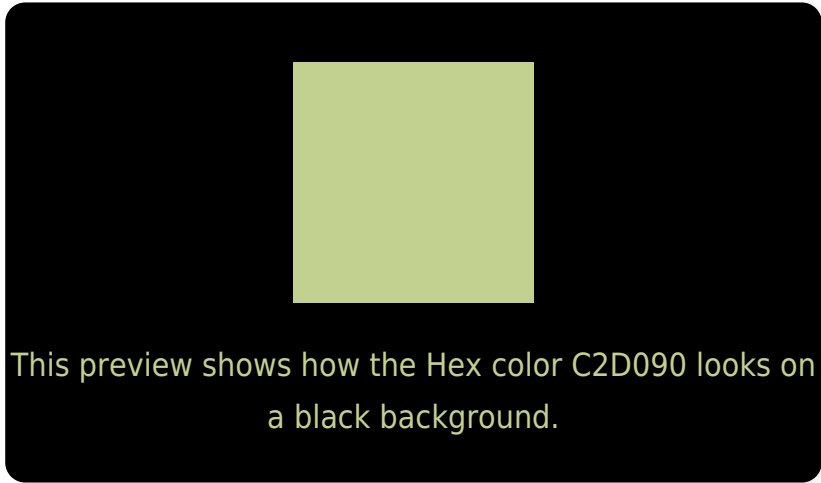
Large Text (above 18pt) WCAG AA × Fail

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

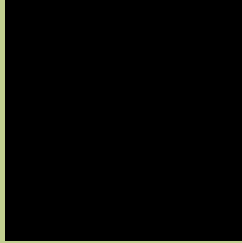
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2D090 Background



This preview shows how black text looks on a background with the Hex color C2D090.

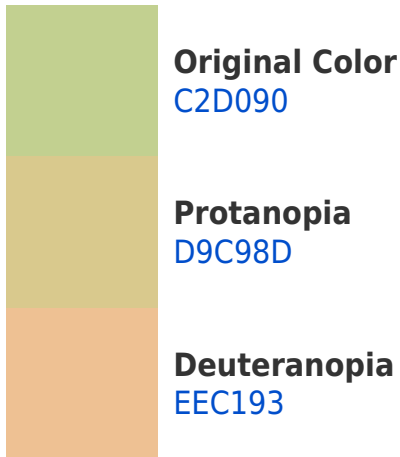


This preview shows how white text looks on a background with the Hex color C2D090.

# Color Blindness Simulation

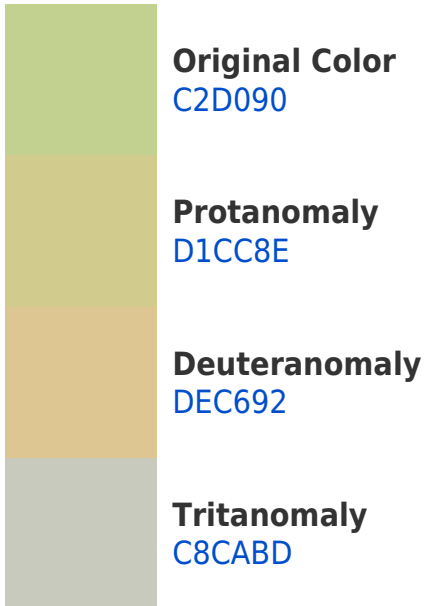
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

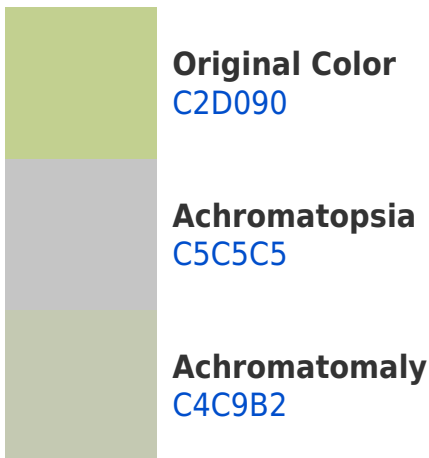




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D090 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 #C2D090 looks like.

```
.text, #text, p{  
    color:#C2D090  
}
```

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 #C2D090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D090
}
```

## Border

The CSS property to change the border of an element to Hex C2D090 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
#C2D090 }
```

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

```
.border{ border-color:#C2D090 }
```

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

Here you see how a box with a 4 pixel #C2D090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D090; -webkit-box-shadow:4px 4px  
4px 4px #C2D090; box-shadow:4px 4px 4px  
4px #C2D090 }
```

# Background

The CSS property to change the background color of an element to Hex C2D090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D090 }
```

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

```
.background{ background-color:#C2D090 }
```

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