

# Converting Colors

Decimal(13093997)

Have a look what the booklet for  
Decimal(13093997) contains.

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# **Color**

**Decimal(13093997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7CC6D
RGB	199, 204, 109
RGB Percent	78%, 80%, 43%
CMY	0.2196, 0.2000, 0.5725
CMYK	0.02, 0.00, 0.47, 0.20
HSL	63°, 48%, 61%
HSV	63°, 47%, 80%
XYZ	47.9064, 56.4320, 22.8355
YIQ	191.6750, 27.5150, -30.6050

# Conversions

## Conversions Part 2

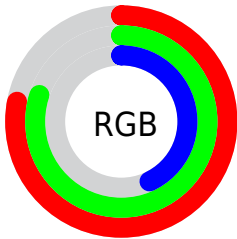
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 204, 114
Decimal	13093997
CIELab	79.86, -15.27, 46.45
CIELCh	80, 48.894, 108.201
Yxy	56.4320, 0.3767, 0.4437
Android (android.graphics.Color)	4291284077 (0xFFC7CC6D)
YUV	191.6750, -40.7588, 6.4240
Hunter-Lab	75.1212, -17.6289, 34.5617

# Details

The Decimal color **13093997** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7499212**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16777122**, and **9410106** is the 20% darker color. If you saturate the color by 10%, you get **13028441**, and if you desaturate by 10%, it is **13159553**.

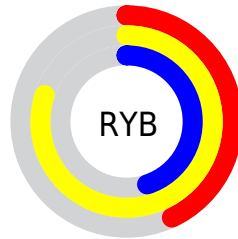
# Distribution



Red (78%)

Green (80%)

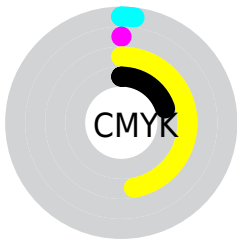
Blue (43%)



Red (43%)

Yellow (80%)

Blue (45%)

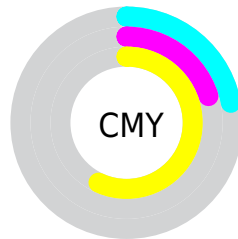


Cyan (2%)

Magenta (0%)

Yellow (47%)

Black (20%)



Cyan (22%)

Magenta (20%)

















Yellow (57%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 13093997 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 Decimal color 13093997 by changing the saturation by 10% instead.



 13093997	 13093997
16777215	 11252051
 16777122	 9410106
 16777150	 7633952
 16777178	 5923584
 16777207	 4279296
	 2635008
	 925696
	 0
 13093997	 13093997

 13028441

 13159553

 12962884

 13225110

 12897328

 13290666

 12831771

 13356223

 12766215

 13421779

 12700672

 13487335

 13618428

 13683967

 13749503

# Harmonies

## Analogous

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



15908204



13093997



9688967

# Triad

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



13093997



56063



16753626

# Complementary

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



13093997



7499212

# 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.



15577343



13093997



5624063

# Square

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



13093997



57057



11518463



16753324

# Rectangle

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



13093997



6937507



11518463



16754409



# Sweetspot

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



13093997



16646107



13398637



8290410



0



8421504



# Same Dimension

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



13093997



16252784



10013805



6645340



10331648



2369024



# Inverse Universe

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



7499212



7893247



10579404



6052966



589990

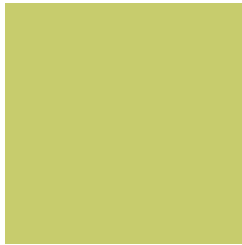


131110



# Previews

## White Background



This preview shows how the Decimal color 13093997 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 Decimal color 13093997 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

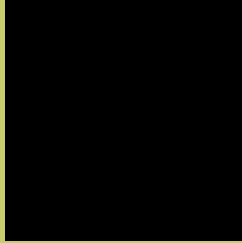
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13093997 Background



This preview shows how black text looks on a background with the Decimal color 13093997.



This preview shows how white text looks on a background with the Decimal color 13093997.

# 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](#).

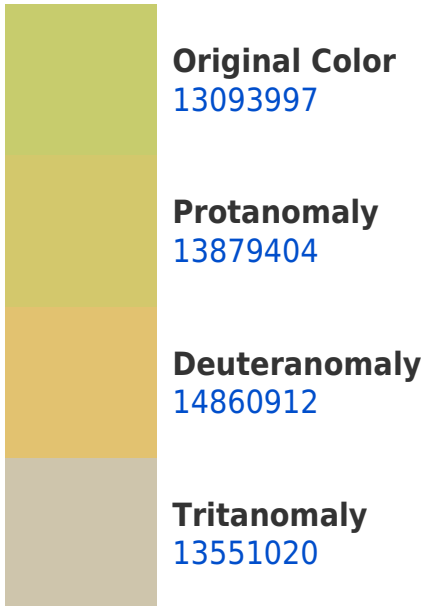
## Dichromacy





**Tritanopia**  
13812176

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13093997 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 #C7CC6D looks like.

```
.text, #text, p{  
    color:#C7CC6D  
}
```

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 #C7CC6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7CC6D
}
```

## Border

The CSS property to change the border of an element to Decimal 13093997 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
#C7CC6D }
```

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

```
.border{ border-color:#C7CC6D }
```

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

Here you see how a box with a 4 pixel #C7CC6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7CC6D; -webkit-box-shadow:4px 4px  
4px 4px #C7CC6D; box-shadow:4px 4px 4px  
4px #C7CC6D }
```

# Background

The CSS property to change the background color of an element to Decimal 13093997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7CC6D }
```

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

```
.background{ background-color:#C7CC6D }
```

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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