

# Converting Colors

Decimal(13094056)

Have a look what the booklet for  
Decimal(13094056) contains.

<b>Decimal(13094056)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13094056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7CCA8
RGB	199, 204, 168
RGB Percent	78%, 80%, 66%
CMY	0.2196, 0.2000, 0.3412
CMYK	0.02, 0.00, 0.18, 0.20
HSL	68°, 26%, 73%
HSV	68°, 18%, 80%
XYZ	52.2139, 58.1550, 45.5189
YIQ	198.4010, 8.5760, -12.2560

# Conversions

## Conversions Part 2

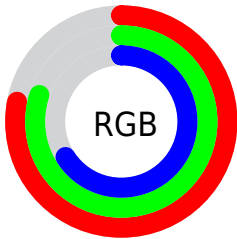
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 204, 173
Decimal	13094056
CIELab	80.82, -7.85, 17.39
CIELCh	81, 19.083, 114.290
Yxy	58.1550, 0.3349, 0.3731
Android (android.graphics.Color)	4291284136 (0xFFC7CCA8)
YUV	198.4010, -14.9877, 0.5253
Hunter-Lab	76.2594, -11.2371, 17.9917

# Details

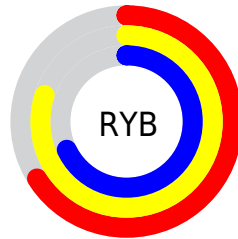
The Decimal color **13094056** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **11380940**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16777183**, and **9541236** is the 20% darker color. If you saturate the color by 10%, you get **12897428**, and if you desaturate by 10%, it is **13290684**.

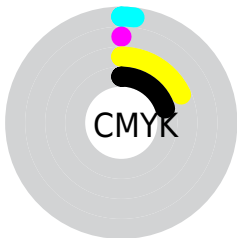
# Distribution



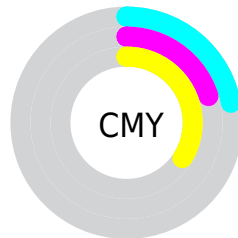
- Red (78%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)
















- Cyan (22%)
- Magenta (20%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13094056 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 13094056 by changing the saturation by 10% instead.



 13094056	 13094056
16777215	 11317646
 16777183	 9541236
 16777212	 7830619
	 6185795
	 4606765
	 3093784
	 1842944
	 1536
	 0

 13094056

 13094056

 12897428

 13290684

 12700799

 13487313

 12504171

 13683941

 12373078

 13815034

 12176450

 14011647

 11979822

 14208255

 11783193

 14404863

 11586565

 14601471

 11586560

 14798079

# Harmonies

## Analogous

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



14337701



13094056



11784371

# Triad

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



13094056



10473701



15384013

# Complementary

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



13094056



11380940

# 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.



14532830



13094056



11586540

# Square

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



13094056



10081239



13157865



15646139

# Rectangle

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



13094056



10932926



13157865



15187411



# Sweetspot

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



13094056



16646130



13413800



8290424



0



8421504

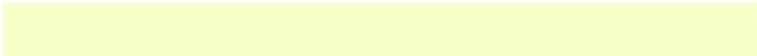


# Same Dimension

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



13094056



16318409



11914408



6645340



9414144



2172416



# Inverse Universe

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



11380940



13748735



12560588



6118502



1507494

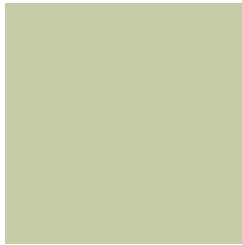


327718



# Previews

## White Background



This preview shows how the Decimal color 13094056 looks on a white background.

## Color Contrast Check

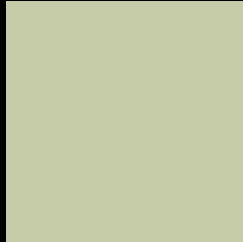
Large Text (above 18pt) WCAG AA × Fail

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 13094056 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

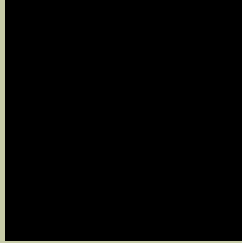
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

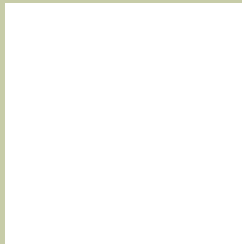
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13094056 Background



This preview shows how black text looks on a background with the Decimal color 13094056.



This preview shows how white text looks on a background with the Decimal color 13094056.

# 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](#).

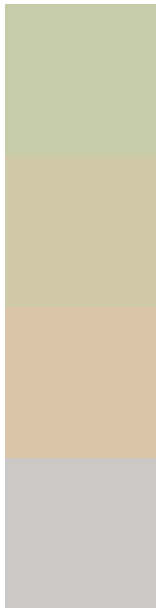
## Dichromacy





**Tritanopia**  
13485781

# Trichromacy



**Original Color**  
13094056

**Protanomaly**  
13617575

**Deuteranomaly**  
14402985

**Tritanomaly**  
13355205

# Monochromacy



**Original Color**  
13094056

**Achromatopsia**  
13027014

**Achromatomaly**  
13027515

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13094056 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 #C7CCA8 looks like.

```
.text, #text, p{  
    color:#C7CCA8  
}
```

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 #C7CCA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7CCA8  
}
```

## Border

The CSS property to change the border of an element to Decimal 13094056 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  
#C7CCA8 }
```

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

```
.border{ border-color:#C7CCA8 }
```

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

Here you see how a box with a 4 pixel #C7CCA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7CCA8; -webkit-box-shadow:4px 4px  
4px 4px #C7CCA8; box-shadow:4px 4px 4px  
4px #C7CCA8 }
```

# Background

The CSS property to change the background color of an element to Decimal 13094056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7CCA8 }
```

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

```
.background{ background-color:#C7CCA8 }
```

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