

# Converting Colors

Decimal(13230984)

Have a look what the booklet for  
Decimal(13230984) contains.

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# **Color**

**Decimal(13230984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9E388
RGB	201, 227, 136
RGB Percent	79%, 89%, 53%
CMY	0.2118, 0.1098, 0.4667
CMYK	0.11, 0.00, 0.40, 0.11
HSL	77°, 62%, 71%
HSV	77°, 40%, 89%
XYZ	56.0004, 69.1333, 33.6851
YIQ	208.8520, 13.7150, -33.8130

# Conversions

## Conversions Part 2

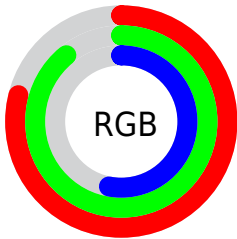
Format	Color
<a href="#">RYB</a>	<a href="#">136, 227, 162</a>
Decimal	<a href="#">13230984</a>
CIELab	<a href="#">86.57, -22.94, 41.58</a>
CIELCh	<a href="#">87, 47.489, 118.891</a>
Yxy	<a href="#">69.1333, 0.3526, 0.4353</a>
Android (android.graphics.Color)	<a href="#">4291421064 (0xFFC9E388)</a>
YUV	<a href="#">208.8520, -35.9160, -6.8862</a>
Hunter-Lab	<a href="#">83.1464, -25.2837, 34.1824</a>

# Details

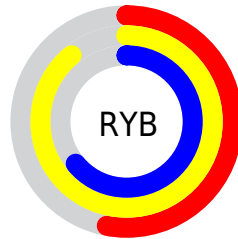
The Decimal color **13230984** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **10651875**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16777150**, and **9612372** is the 20% darker color. If you saturate the color by 10%, you get **12837745**, and if you desaturate by 10%, it is **13624223**.

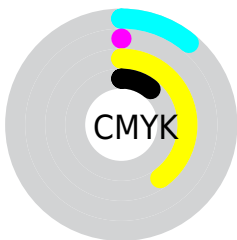
# Distribution



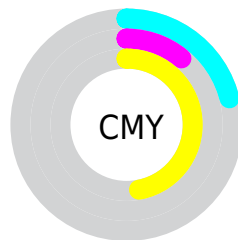
- Red (79%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13230984 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 13230984 by changing the saturation by 10% instead.



 13230984

 13230984

16777215

 11388782

 16777150

 9612372

 16777179


 7835963

 16777208

 6125346

 4480517

 2836224

 1191936

 7424

 0

 13230984

 13230984

 12837745

 13624223

 12378971

 14082997

 11985732

 14476236

 11526957

 14935011

 11133718

 15328250

 10674944

 15787007

 16180223

 16638975

 16770047

# Harmonies

## Analogous

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



16242046



13230984



9694377

# Triad

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



13230984



3402239



16758236

# Complementary

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



13230984



10651875

# 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.



16760575



13230984



9625343

# Square

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



13230984



61695



14405375



16759215

# Rectangle

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



13230984



6942918



14405375



16758763

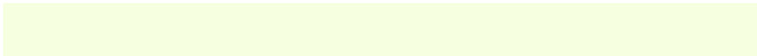


# Sweetspot

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



13230984



16187360



14918280



8028270



0



8421504

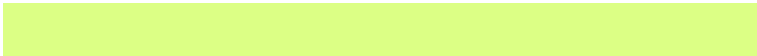


# Same Dimension

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



13230984



14483333



10281864



7304039



8434432



2372352



# Inverse Universe

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



10651875



11044351



13600995



7038835



3342515

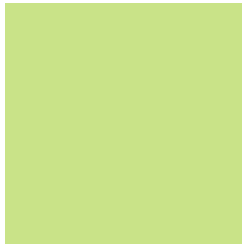


983091



# Previews

## White Background



This preview shows how the Decimal color 13230984 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 13230984 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 13230984 Background



This preview shows how black text looks on a background with the Decimal color 13230984.



This preview shows how white text looks on a background with the Decimal color 13230984.

# Color Blindness Simulation

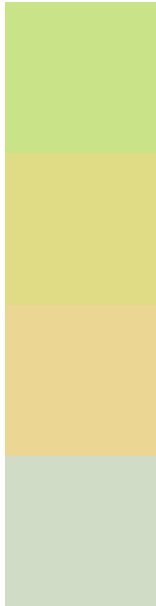
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



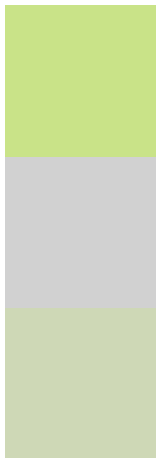
**Original Color**  
13230984

**Protanomaly**  
14670981

**Deuteranomaly**  
15456147

**Tritanomaly**  
13753542

# Monochromacy



**Original Color**  
13230984

**Achromatopsia**  
13750737

**Achromatomaly**  
13555894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13230984 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 #C9E388 looks like.

```
.text, #text, p{  
    color:#C9E388  
}
```

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 #C9E388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9E388
}
```

## Border

The CSS property to change the border of an element to Decimal 13230984 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
#C9E388 }
```

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

```
.border{ border-color:#C9E388 }
```

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

Here you see how a box with a 4 pixel #C9E388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9E388; -webkit-box-shadow:4px 4px  
4px 4px #C9E388; box-shadow:4px 4px 4px  
4px #C9E388 }
```

# Background

The CSS property to change the background color of an element to Decimal 13230984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9E388 }
```

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

```
.background{ background-color:#C9E388 }
```

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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