

# Converting Colors

Decimal(13229904)

Have a look what the booklet for  
Decimal(13229904) contains.

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# **Color**

**Decimal(13229904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9DF50
RGB	201, 223, 80
RGB Percent	79%, 87%, 31%
CMY	0.2118, 0.1255, 0.6863
CMYK	0.10, 0.00, 0.64, 0.13
HSL	69°, 69%, 59%
HSV	69°, 64%, 87%
XYZ	51.9230, 65.7720, 17.5481
YIQ	200.1200, 32.7910, -49.1370

# Conversions

## Conversions Part 2

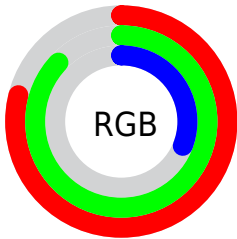
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 223, 102
Decimal	13229904
CIELab	84.88, -26.09, 65.09
CIELCh	85, 70.126, 111.842
Yxy	65.7720, 0.3839, 0.4863
Android (android.graphics.Color)	4291419984 (0xFFC9DF50)
YUV	200.1200, -59.2192, 0.7718
Hunter-Lab	81.1000, -27.6430, 43.9411

# Details

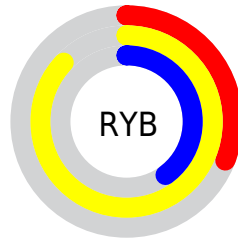
The Decimal color **13229904** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6705375**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777095**, and **9480205** is the 20% darker color. If you saturate the color by 10%, you get **13033274**, and if you desaturate by 10%, it is **13426534**.

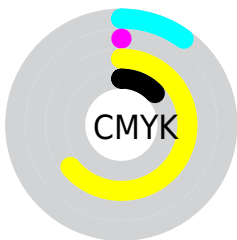
# Distribution



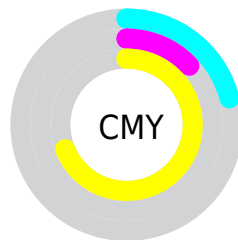
- Red (79%)
- Green (87%)
- Blue (31%)



- Red (31%)
- Yellow (87%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (64%)
- Black (13%)



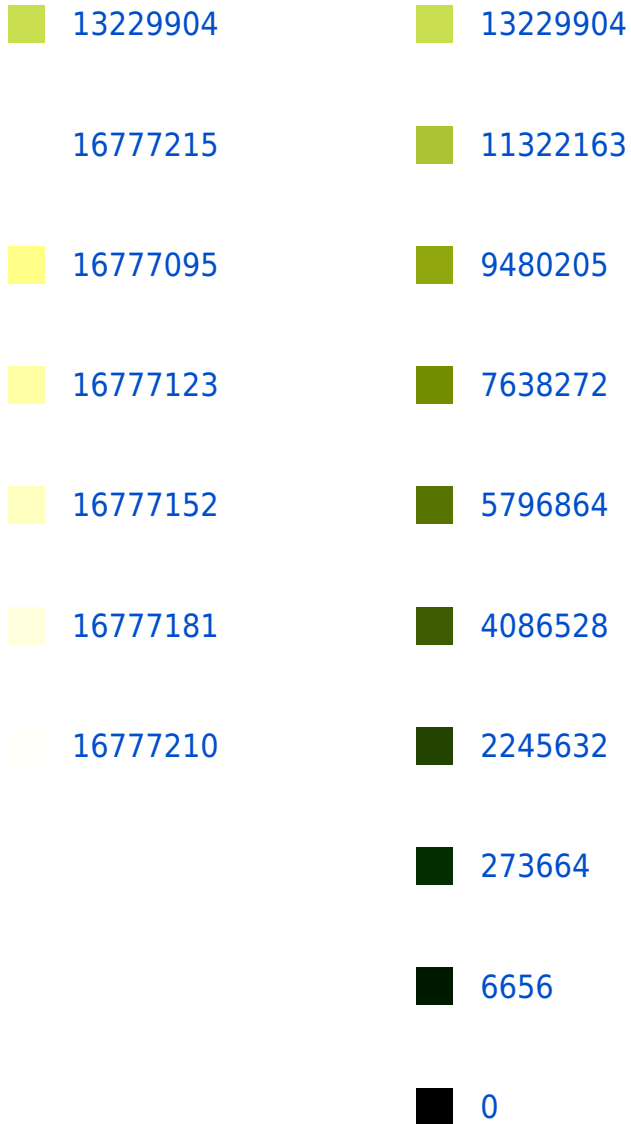
- Cyan (21%)
- Magenta (13%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13229904 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 13229904 by changing the saturation by 10% instead.





13229904

13229904

13033274

13426534

12771107

13688701

12574477

13885331

12443392

14147497

14344128

14606294

14802924

14999551

15261695

# Harmonies

## Analogous

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



16763465



13229904



7925118

# Triad

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



13229904



61439



16751337

# Complementary

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



13229904



6705375

# 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.



16756479



13229904



57855

# Square

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



13229904



62719



12045055



16751782

# Rectangle

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



13229904



62120



12045055



16752639

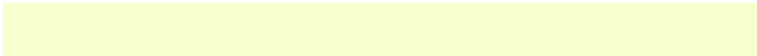


# Sweetspot

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



13229904



16318415



14640464



8093794



0



8421504



# Same Dimension

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



13229904



14810939



8576848



7237733



9809920



2699264



# Inverse Universe

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



6705375



5848063



11358431



6776176



1769648



458800



# Previews

## White Background



This preview shows how the Decimal color 13229904 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 13229904 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 13229904 Background



This preview shows how black text looks on a background with the Decimal color 13229904.



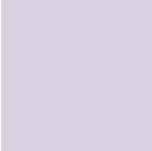
This preview shows how white text looks on a background with the Decimal color 13229904.

# 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](#).

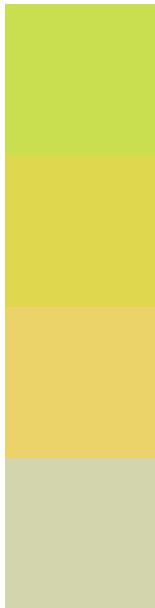
## Dichromacy





**Tritanopia**  
14209505

# Trichromacy



**Original Color**  
13229904

**Protanomaly**  
14669902

**Deuteranomaly**  
15454825

**Tritanomaly**  
13883052

# Monochromacy



**Original Color**  
13229904

**Achromatopsia**  
13158600

**Achromatomaly**  
13160604

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13229904 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 #C9DF50 looks like.

```
.text, #text, p{  
    color:#C9DF50  
}
```

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 #C9DF50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9DF50
}
```

## Border

The CSS property to change the border of an element to Decimal 13229904 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
#C9DF50 }
```

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

```
.border{ border-color:#C9DF50 }
```

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

Here you see how a box with a 4 pixel #C9DF50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9DF50; -webkit-box-shadow:4px 4px  
4px 4px #C9DF50; box-shadow:4px 4px 4px  
4px #C9DF50 }
```

# Background

The CSS property to change the background color of an element to Decimal 13229904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9DF50 }
```

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

```
.background{ background-color:#C9DF50 }
```

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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