

# Converting Colors

Decimal(13030537)

Have a look what the booklet for  
Decimal(13030537) contains.

<b>Decimal(13030537)</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(13030537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D489
RGB	198, 212, 137
RGB Percent	78%, 83%, 54%
CMY	0.2235, 0.1686, 0.4627
CMYK	0.07, 0.00, 0.35, 0.17
HSL	71°, 47%, 68%
HSV	71°, 35%, 83%
XYZ	51.3475, 60.8989, 32.7153
YIQ	199.2640, 15.7310, -26.2930

# Conversions

## Conversions Part 2

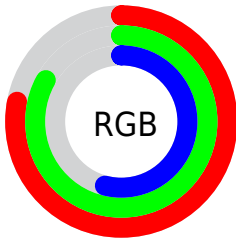
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 212, 151
Decimal	13030537
CIELab	82.32, -16.59, 35.57
CIELCh	82, 39.248, 115.006
Yxy	60.8989, 0.3542, 0.4201
Android (android.graphics.Color)	4291220617 (0xFFC6D489)
YUV	199.2640, -30.6962, -1.1085
Hunter-Lab	78.0377, -19.1160, 29.7706

# Details

The Decimal color **13030537** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9931220**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16777151**, and **9411926** is the 20% darker color. If you saturate the color by 10%, you get **12768372**, and if you desaturate by 10%, it is **13292702**.

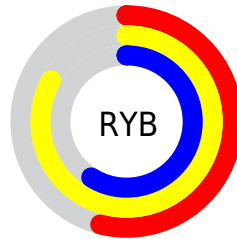
# Distribution



Red (78%)

Green (83%)

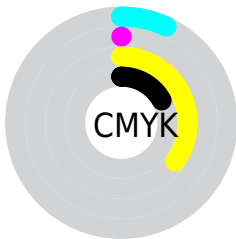
Blue (54%)



Red (54%)

Yellow (83%)

Blue (59%)

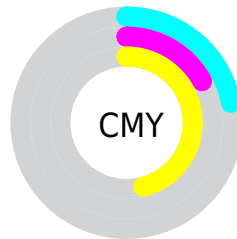


Cyan (7%)

Magenta (0%)

Yellow (35%)

Black (17%)



Cyan (22%)

Magenta (17%)
















Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13030537 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 13030537 by changing the saturation by 10% instead.



 13030537	 13030537
 16777215	 11188335
 16777151	 9411926
 16777179	 7701309
 16777208	 5990950
	 4346381
	 2833152
	 1254656
	 3840
	 0

■ 13030537

■ 13030537

■ 12768372

■ 13292702

■ 12506207

■ 13554867

■ 12244041

■ 13817033

■ 11981876

■ 14079198

■ 11719711

■ 14341363

■ 11457546

■ 14603519

■ 11326464

■ 14865663

■ 15127807

■ 15389951

# Harmonies

## Analogous

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



15452291



13030537



10214561

# Triad

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



13030537



5889279



16757205

# Complementary

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



13030537



9931220

# 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.



16169464



13030537



9491199

# Square

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



13030537



4907243



13223679



16757679

# Rectangle

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



13030537



8249529



13223679



16757729



# Sweetspot

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



13030537



16449507



13932425



8159343



0



8421504



# Same Dimension

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



13030537



15466388



10605705



6908768



9153280



2304768



# Inverse Universe

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



9931220



11048191



12356052



6447211



2097323

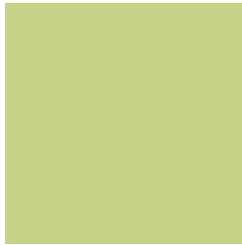


524331



# Previews

## White Background



This preview shows how the Decimal color 13030537 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 13030537 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

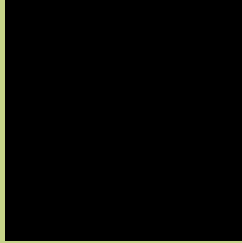
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13030537 Background



This preview shows how black text looks on a background with the Decimal color 13030537.

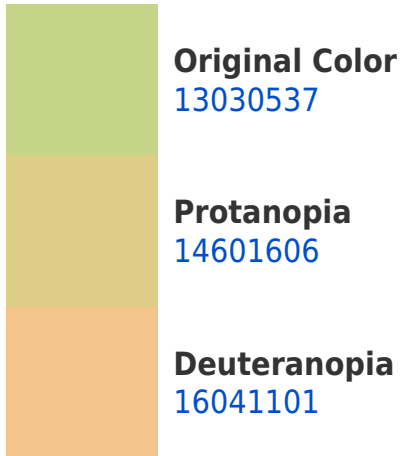



This preview shows how white text looks on a background with the Decimal color 13030537.

# 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](#).

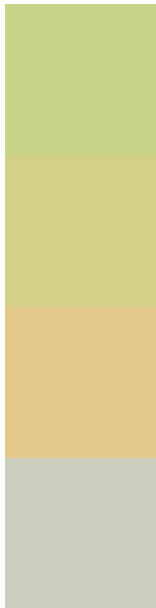
## Dichromacy





**Tritanopia**  
13683418

# Trichromacy



**Original Color**  
13030537

**Protanomaly**  
14012551

**Deuteranomaly**  
14928524

**Tritanomaly**  
13422269

# Monochromacy



**Original Color**  
13030537

**Achromatopsia**  
13092807

**Achromatomaly**  
13094064

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13030537 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 #C6D489 looks like.

```
.text, #text, p{  
    color:#C6D489  
}
```

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 #C6D489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D489
}
```

## Border

The CSS property to change the border of an element to Decimal 13030537 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
#C6D489 }
```

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

```
.border{ border-color:#C6D489 }
```

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

Here you see how a box with a 4 pixel #C6D489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D489; -webkit-box-shadow:4px 4px  
4px 4px #C6D489; box-shadow:4px 4px 4px  
4px #C6D489 }
```

# Background

The CSS property to change the background color of an element to Decimal 13030537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D489 }
```

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

```
.background{ background-color:#C6D489 }
```

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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