

# Converting Colors

Decimal(13819731)

Have a look what the booklet for  
Decimal(13819731) contains.

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**Color**

**Decimal(13819731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2DF53
RGB	210, 223, 83
RGB Percent	82%, 87%, 33%
CMY	0.1765, 0.1255, 0.6745
CMYK	0.06, 0.00, 0.63, 0.13
HSL	66°, 69%, 60%
HSV	66°, 63%, 87%
XYZ	54.5274, 67.1015, 18.2616
YIQ	203.1530, 37.1920, -46.2960

# Conversions

## Conversions Part 2

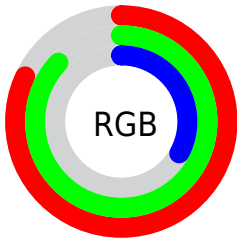
Format	Color
R <sub>Y</sub> B	83, 223, 96
Decimal	13819731
CIE Lab	85.56, -22.28, 64.80
CIE LCh	86, 68.523, 108.973
Yxy	67.1015, 0.3898, 0.4797
Android (android.graphics.Color)	4292009811 (0xFFD2DF53)
YUV	203.1530, -59.2354, 6.0048
Hunter-Lab	81.9155, -24.5330, 44.1232

# Details

The Decimal color **13819731** 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 **6312927**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777098**, and **10004500** is the 20% darker color. If you saturate the color by 10%, you get **13688637**, and if you desaturate by 10%, it is **13950825**.

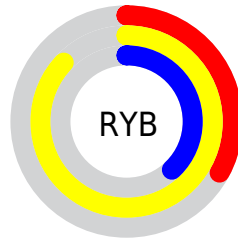
# Distribution



Red (82%)

Green (87%)

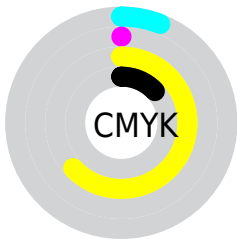
Blue (33%)



Red (33%)

Yellow (87%)

Blue (38%)

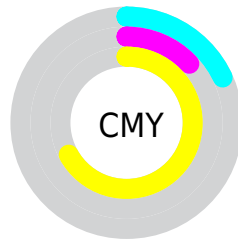


Cyan (6%)

Magenta (0%)

Yellow (63%)

Black (13%)



Cyan (18%)

Magenta (13%)





















Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13819731 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 13819731 by changing the saturation by 10% instead.



 13819731	 13819731
 16777215	 11911990
 16777098	 10004500
 16777126	 8162816
 16777155	 6386688
 16777184	 4610816
 16777213	 2835456
 16777242	 1060352
 16777271	 6912
 16777300	 0

13819731

13819731

13688637

13950825

13557542

14081920

13426448

14213014

13295360

14344108

14475203

14606297

14737391

14934015

15065087

# Harmonies

## Analogous

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



16763473



13819731



8842621

# Triad

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



13819731



61951



16752625

# Complementary

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



13819731



6312927

# 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.



16758015



13819731



58623

# Square

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



13819731



63230



11521791



16752303

# Rectangle

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



13819731



2880421



11521791



16753919



# Sweetspot

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



13819731



16515023



14638931



8224866



0



8421504



# Same Dimension

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



13819731



15597376



9297747



7303269



10530816



2895872



# Inverse Universe

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



6312927



5390591



10834911



6710640



1048752



262192



# Previews

## White Background



This preview shows how the Decimal color 13819731 looks on a white background.

## Color Contrast Check

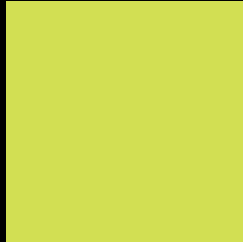
Large Text (above 18pt) WCAG AA × Fail

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 13819731 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 13819731 Background



This preview shows how black text looks on a background with the Decimal color 13819731.

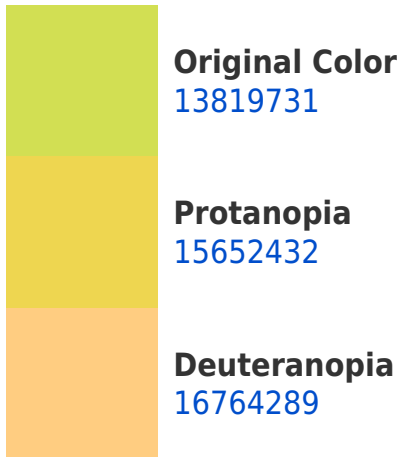


This preview shows how white text looks on a background with the Decimal color 13819731.

# 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](#).

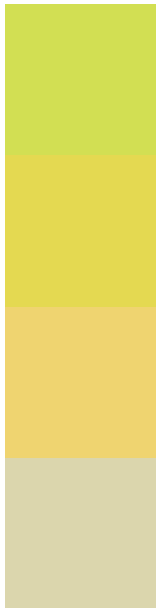
## Dichromacy





**Tritanopia**  
14733793

# Trichromacy



**Original Color**  
13819731

**Protanomaly**  
14997841

**Deuteranomaly**  
15717488

**Tritanomaly**  
14407341

# Monochromacy



**Original Color**  
13819731

**Achromatopsia**  
13355979

**Achromatomaly**  
13554335

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13819731 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 #D2DF53 looks like.

```
.text, #text, p{  
    color:#D2DF53  
}
```

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 #D2DF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2DF53
}
```

## Border

The CSS property to change the border of an element to Decimal 13819731 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
#D2DF53 }
```

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

```
.border{ border-color:#D2DF53 }
```

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

Here you see how a box with a 4 pixel #D2DF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2DF53; -webkit-box-shadow:4px 4px  
4px 4px #D2DF53; box-shadow:4px 4px 4px  
4px #D2DF53 }
```

# Background

The CSS property to change the background color of an element to Decimal 13819731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2DF53 }
```

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

```
.background{ background-color:#D2DF53 }
```

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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