

# Converting Colors

Decimal(12836727)

Have a look what the booklet for  
Decimal(12836727) contains.

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# **Color**

**Decimal(12836727)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3DF77
RGB	195, 223, 119
RGB Percent	76%, 87%, 47%
CMY	0.2353, 0.1255, 0.5333
CMYK	0.13, 0.00, 0.47, 0.13
HSL	76°, 62%, 67%
HSV	76°, 47%, 87%
XYZ	52.2231, 65.7094, 27.3835
YIQ	202.7720, 16.6960, -38.2800

# Conversions

## Conversions Part 2

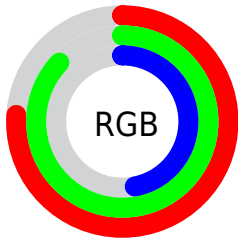
Format	Color
<b>RYB</b>	119, 223, 147
Decimal	12836727
CIELab	84.85, -25.17, 47.63
CIELCh	85, 53.873, 117.849
Yxy	65.7094, 0.3594, 0.4522
Android (android.graphics.Color)	4291026807 (0xFFC3DF77)
YUV	202.7720, -41.2996, -6.8160
Hunter-Lab	81.0613, -26.8600, 36.7140

# Details

The Decimal color **12836727** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9664479**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16646061**, and **9152579** is the 20% darker color. If you saturate the color by 10%, you get **12443489**, and if you desaturate by 10%, it is **13229965**.

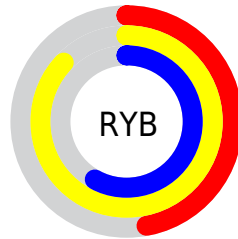
# Distribution



Red (76%)

Green (87%)

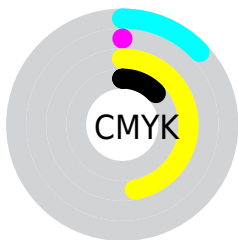
Blue (47%)



Red (47%)

Yellow (87%)

Blue (58%)

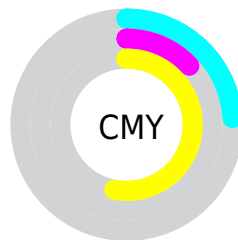


Cyan (13%)

Magenta (0%)

Yellow (47%)

Black (13%)



Cyan (24%)

Magenta (13%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12836727 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 12836727 by changing the saturation by 10% instead.



 12836727

 12836727

16777215

 10994525

 16646061

 9152579

 16777161

 7441705

 16777190

 5665803

 4020992

 2376448

 404736

 6656

 0

 12836727


 12836727

 12443489

 13229965

 12050250

 13623204

 11657012

 14016442


 11263774

 14409680

 10870535

 14802919

 10739456

 15196157

 15589375

 15982591

 16375807

# Harmonies

## Analogous

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



16175212



12836727



8776092

# Triad

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



12836727



59391



16755418

# Complementary

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



12836727



9664479

# 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.



16758271



12836727



7854847

# Square

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



12836727



60927



13879551



16756391

# Rectangle

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



12836727



5041597



13879551



16756203



# Sweetspot

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



12836727



16121819



14652279



8028266



0



8421504



# Same Dimension

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



12836727



14286704



9428855



7172197



8499200



2306048



# Inverse Universe

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



9664479



9924863



13072351



6841712



3080368



852016



# Previews

## White Background



This preview shows how the Decimal color 12836727 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 12836727 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 12836727 Background



This preview shows how black text looks on a background with the Decimal color 12836727.

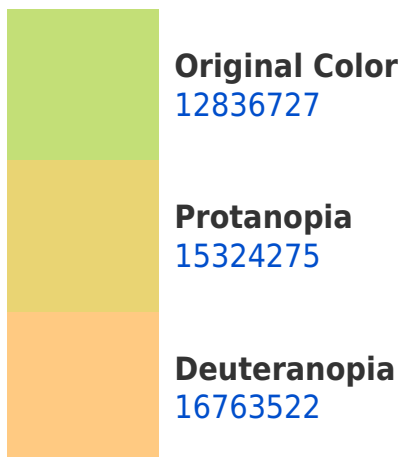


This preview shows how white text looks on a background with the Decimal color 12836727.

# 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



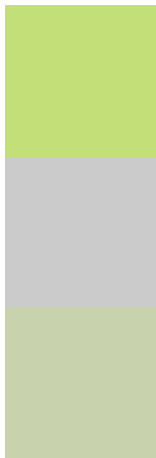
**Original Color**  
12836727

**Protanomaly**  
14407796

**Deuteranomaly**  
15323774

**Tritanomaly**  
13424572

# Monochromacy



**Original Color**  
12836727

**Achromatopsia**  
13355979

**Achromatomaly**  
13161132

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12836727 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 #C3DF77 looks like.

```
.text, #text, p{  
    color:#C3DF77  
}
```

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 #C3DF77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DF77
}
```

## Border

The CSS property to change the border of an element to Decimal 12836727 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
#C3DF77 }
```

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

```
.border{ border-color:#C3DF77 }
```

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

Here you see how a box with a 4 pixel `#C3DF77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DF77; -webkit-box-shadow:4px 4px  
4px 4px #C3DF77; box-shadow:4px 4px 4px  
4px #C3DF77 }
```

# Background

The CSS property to change the background color of an element to Decimal 12836727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DF77 }
```

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

```
.background{ background-color:#C3DF77 }
```

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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