

# Converting Colors

Decimal(12767669)

Have a look what the booklet for  
Decimal(12767669) contains.

<b>Decimal(12767669)</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(12767669)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2D1B5
RGB	194, 209, 181
RGB Percent	76%, 82%, 71%
CMY	0.2392, 0.1804, 0.2902
CMYK	0.07, 0.00, 0.13, 0.18
HSL	92°, 23%, 76%
HSV	92°, 13%, 82%
XYZ	53.3891, 60.4065, 52.5618
YIQ	201.3230, 0.0480, -11.8880

# Conversions

## Conversions Part 2

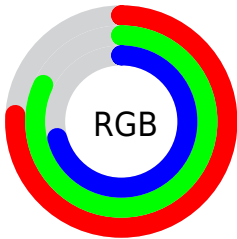
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 209, 196
Decimal	12767669
CIE Lab	82.06, -10.12, 12.17
CIE LCh	82, 15.831, 129.729
Yxy	60.4065, 0.3209, 0.3631
Android (android.graphics.Color)	4290957749 (0xFFC2D1B5)
YUV	201.3230, -10.0192, -6.4223
Hunter-Lab	77.7216, -13.3963, 14.3083

# Details

The Decimal color **12767669** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **12891601**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16515053**, and **9214848** is the 20% darker color. If you saturate the color by 10%, you get **12046752**, and if you desaturate by 10%, it is **13488586**.

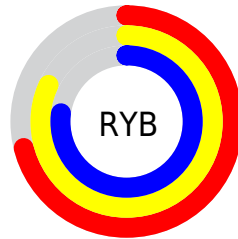
# Distribution



Red (76%)

Green (82%)

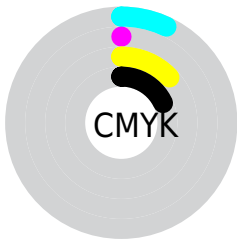
Blue (71%)



Red (71%)

Yellow (82%)

Blue (77%)

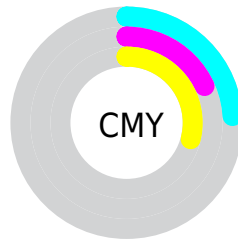


Cyan (7%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12767669 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 12767669 by changing the saturation by 10% instead.



■ 12767669

■ 12767669

16777215

■ 10991002

■ 16515053

■ 9214848

■ 7569767

■ 5924687

■ 4345656

■ 2898210

■ 1516301

■ 3584

■ 0

 12767669

 12767669

 12046752

 13488586

 11325835

 14209503

 10539382


 14995956

 9818465

 15716863

 9097549

 16437759

 8376632

 16765439

 7655715

 6869262

 6410496

# Harmonies

## Analogous

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



13880751



12767669



11719873

# Triad

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



12767669



11653351



15450824

# Complementary

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



12767669



12891601

# 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.



14992343



12767669



12766441

# Square

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



12767669



10999006



14010339



15385786

# Rectangle

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



12767669



11195851



14010339



15385293



# Sweetspot

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



12767669



16449525



13747381



8159353



0



8421504

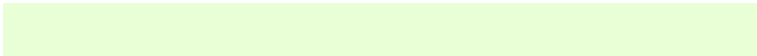


# Same Dimension

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



12767669



15335382



11915702



6515038



5154816



1255680



# Inverse Universe

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



12891601



15521535



13743568



6577769



5898408

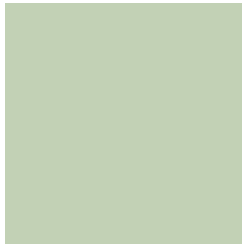


1441833



# Previews

## White Background



This preview shows how the Decimal color 12767669 looks on a white background.

## Color Contrast Check

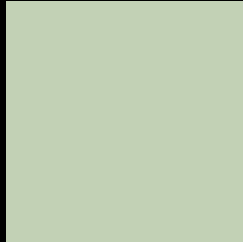
Large Text (above 18pt) WCAG AA × Fail

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 12767669 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

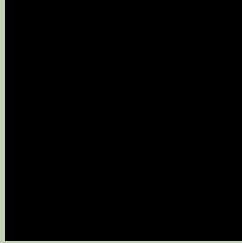
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

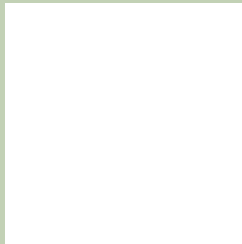
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12767669 Background



This preview shows how black text looks on a background with the Decimal color 12767669.

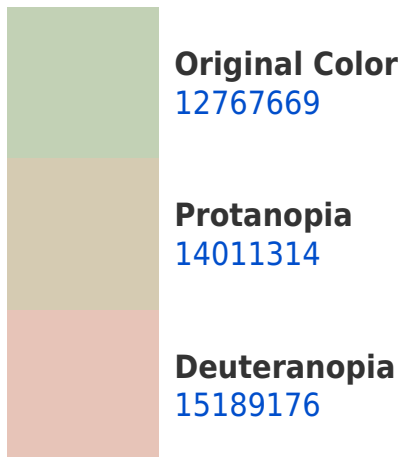


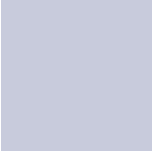
This preview shows how white text looks on a background with the Decimal color 12767669.

# 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](#).

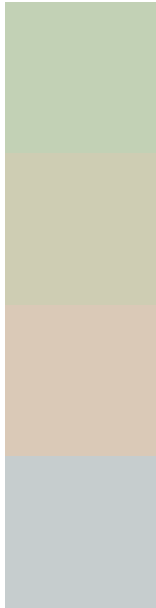
## Dichromacy





**Tritanopia**  
13159388

# Trichromacy



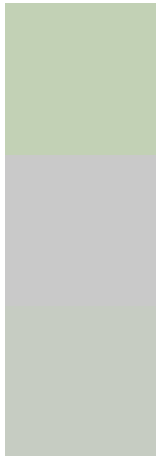
**Original Color**  
12767669

**Protanomaly**  
13553075

**Deuteranomaly**  
14338487

**Tritanomaly**  
13028814

# Monochromacy



**Original Color**  
12767669

**Achromatopsia**  
13224393

**Achromatomaly**  
13028546

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12767669 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 #C2D1B5 looks like.

```
.text, #text, p{  
    color:#C2D1B5  
}
```

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 #C2D1B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D1B5
}
```

## Border

The CSS property to change the border of an element to Decimal 12767669 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
#C2D1B5 }
```

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

```
.border{ border-color:#C2D1B5 }
```

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

Here you see how a box with a 4 pixel #C2D1B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D1B5; -webkit-box-shadow:4px 4px  
4px 4px #C2D1B5; box-shadow:4px 4px 4px  
4px #C2D1B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12767669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D1B5 }
```

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

```
.background{ background-color:#C2D1B5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor