

# Converting Colors

Decimal(12966836)

Have a look what the booklet for  
Decimal(12966836) contains.

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# **Color**

**Decimal(12966836)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5DBB4
RGB	197, 219, 180
RGB Percent	77%, 86%, 71%
CMY	0.2275, 0.1412, 0.2941
CMYK	0.10, 0.00, 0.18, 0.14
HSL	94°, 35%, 78%
HSV	94°, 18%, 86%
XYZ	56.5957, 65.8286, 52.9033
YIQ	207.9760, -0.5930, -16.7930

# Conversions

## Conversions Part 2

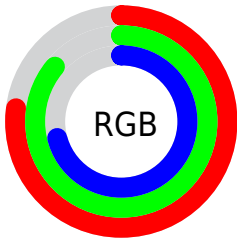
Format	Color
R <sub>YB</sub>	180, 219, 202
Decimal	12966836
CIE Lab	84.91, -14.30, 16.75
CIE LCh	85, 22.027, 130.498
Yxy	65.8286, 0.3228, 0.3755
Android (android.graphics.Color)	4291156916 (0xFFC5DBB4)
YUV	207.9760, -13.7922, -9.6260
Hunter-Lab	81.1349, -17.4731, 18.1348

# Details

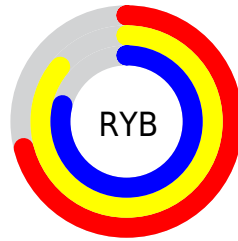
The Decimal color **12966836** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **13284571**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16711660**, and **9413759** is the 20% darker color. If you saturate the color by 10%, you get **12180382**, and if you desaturate by 10%, it is **13753290**.

# Distribution



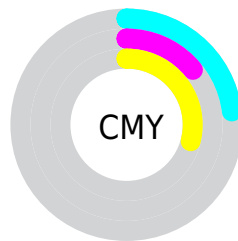
- Red (77%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (79%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12966836 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 12966836 by changing the saturation by 10% instead.



 12966836

 12966836

16777215

 11190169

 16711660

 9413759

 7703142

 6058062

 4479031

 3031073

 1583627

 5888

 0

 12966836

 12966836

 12180382

 13753290

 11328392

 14605280

 10541938

 15391734

 9755484

 16178175

 8903495

 16767999

 8117041

 7330587

 6478597

 6281984

# Harmonies

## Analogous

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



14538155



12966836



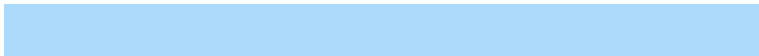
11460549

# Triad

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



12966836



11328251



16762317

# Complementary

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



12966836



13284571

# 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.



16107490



12966836



13030397

# Square

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



12966836



10346222



14798068



16631994

# Rectangle

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



12966836



10739924



14798068



16631252



# Sweetspot

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



12966836



16318450



14404020



8093816



0



8421504

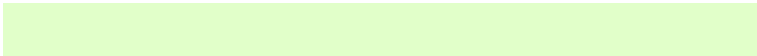


# Same Dimension

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



12966836



14811081



11852726



6778467



5025024



1322496



# Inverse Universe

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



13284571



15256063



14398681



6906734



6422701

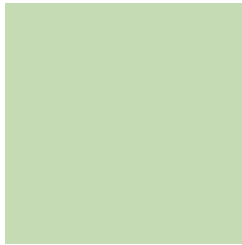


1703982



# Previews

## White Background



This preview shows how the Decimal color 12966836 looks on a white background.

## Color Contrast Check

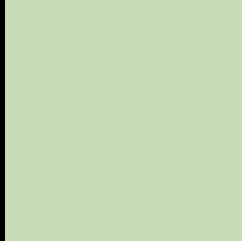
Large Text (above 18pt) WCAG AA × Fail

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 12966836 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

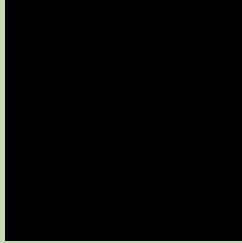
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

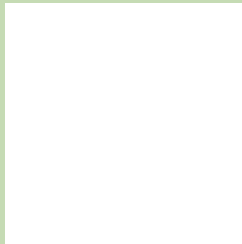
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12966836 Background



This preview shows how black text looks on a background with the Decimal color 12966836.

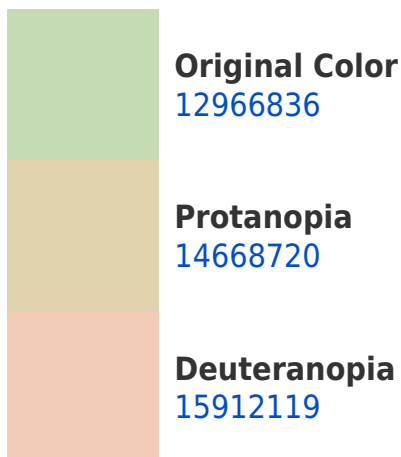


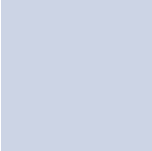
This preview shows how white text looks on a background with the Decimal color 12966836.

# 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](#).

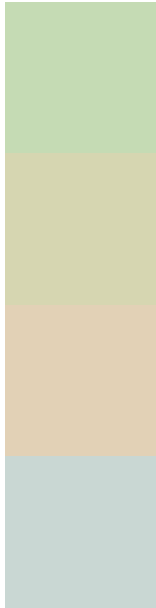
## Dichromacy





**Tritanopia**  
13423845

# Trichromacy



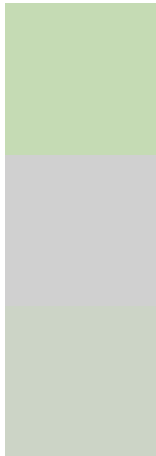
**Original Color**  
12966836

**Protanomaly**  
14079665

**Deuteranomaly**  
14864822

**Tritanomaly**  
13227987

# Monochromacy



**Original Color**  
12966836

**Achromatopsia**  
13684944

**Achromatomaly**  
13423814

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12966836 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 #C5DBB4 looks like.

```
.text, #text, p{  
    color:#C5DBB4  
}
```

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 #C5DBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DBB4
}
```

## Border

The CSS property to change the border of an element to Decimal 12966836 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
#C5DBB4 }
```

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

```
.border{ border-color:#C5DBB4 }
```

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

Here you see how a box with a 4 pixel #C5DBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DBB4; -webkit-box-shadow:4px 4px  
4px 4px #C5DBB4; box-shadow:4px 4px 4px  
4px #C5DBB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12966836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DBB4 }
```

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

```
.background{ background-color:#C5DBB4 }
```

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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