

# Converting Colors

Decimal(12769965)

Have a look what the booklet for  
Decimal(12769965) contains.

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# **Color**

**Decimal(12769965)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2DAAD
RGB	194, 218, 173
RGB Percent	76%, 85%, 68%
CMY	0.2392, 0.1451, 0.3216
CMYK	0.11, 0.00, 0.21, 0.15
HSL	92°, 38%, 77%
HSV	92°, 21%, 85%
XYZ	54.8624, 64.6293, 49.1183
YIQ	205.6940, 0.1410, -19.0830

# Conversions

## Conversions Part 2

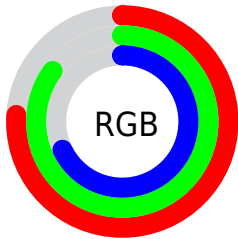
Format	Color
R <sub>YB</sub>	173, 218, 197
Decimal	12769965
CIE <sub>Lab</sub>	84.29, -15.99, 19.53
CIE <sub>LCh</sub>	84, 25.238, 129.302
Yxy	64.6293, 0.3254, 0.3833
Android (android.graphics.Color)	4290960045 (0xFFC2DAAD)
YUV	205.6940, -16.1181, -10.2556
Hunter-Lab	80.3923, -18.8723, 20.0495

# Details

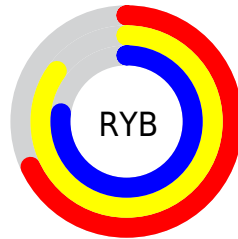
The Decimal color **12769965** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **12955098**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **16515045**, and **9216888** is the 20% darker color. If you saturate the color by 10%, you get **11983511**, and if you desaturate by 10%, it is **13556419**.

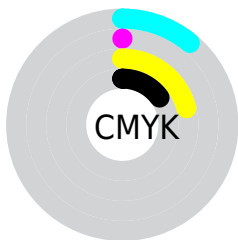
# Distribution



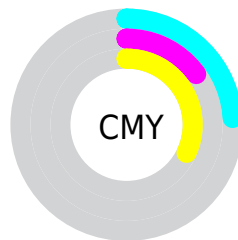
- Red (76%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12769965 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 12769965 by changing the saturation by 10% instead.



 12769965

 12769965

16777215

 10993298

 16515045

 9216888

 7506272

 5861192

 4282161

 2834203

 1452291

 5888

 0

 12769965

 12769965

 11983511

 13556419

 11262593

 14277337

 10476140

 15063790

 9689686

 15850239

 8968768

 16571135

 8182314

 16767743

 7461396

 6740480

# Harmonies

## Analogous

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



14537635



12769965



11067329

# Triad

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



12769965



10672638



16761292

# Complementary

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



12769965



12955098

# 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.



16237540



12769965



12636927

# Square

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



12769965



9559792



14732023



16762037

# Rectangle

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



12769965



10084561



14732023



16761300

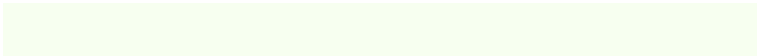


# Sweetspot

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



12769965



16252912



14337453



8093815



0



8421504

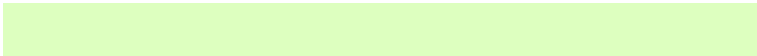


# Same Dimension

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



12769965



14548927



11393711



6844003



5352704



1388032



# Inverse Universe

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



12955098



14794751



14331353



6906734



6029485

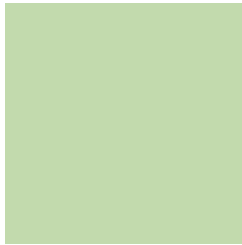


1572910



# Previews

## White Background



This preview shows how the Decimal color 12769965 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 12769965 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

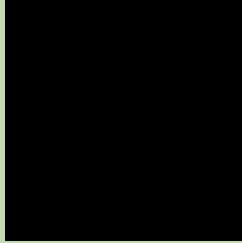
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

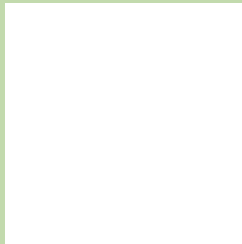
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12769965 Background



This preview shows how black text looks on a background with the Decimal color 12769965.

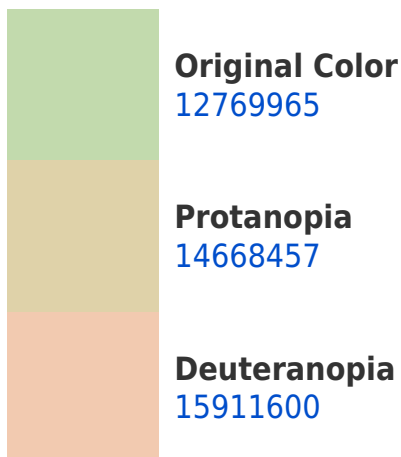


This preview shows how white text looks on a background with the Decimal color 12769965.

# 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](#).

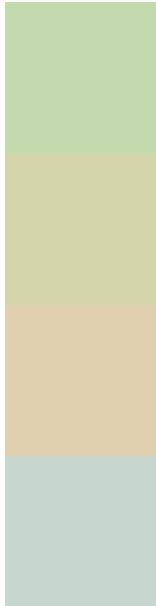
## Dichromacy





**Tritanopia**  
13292515

# Trichromacy



**Original Color**  
12769965

**Protanomaly**  
13948330

**Deuteranomaly**  
14799023

**Tritanomaly**  
13096655

# Monochromacy



**Original Color**  
12769965

**Achromatopsia**  
13553358

**Achromatomaly**  
13292226

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12769965 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 #C2DAAD looks like.

```
.text, #text, p{  
    color:#C2DAAD  
}
```

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 #C2DAAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2DAAD
}
```

## Border

The CSS property to change the border of an element to Decimal 12769965 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
#C2DAAD }
```

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

```
.border{ border-color:#C2DAAD }
```

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

Here you see how a box with a 4 pixel #C2DAAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2DAAD; -webkit-box-shadow:4px 4px  
4px 4px #C2DAAD; box-shadow:4px 4px 4px  
4px #C2DAAD }
```

# Background

The CSS property to change the background color of an element to Decimal 12769965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2DAAD }
```

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

```
.background{ background-color:#C2DAAD }
```

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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