

# Converting Colors

Decimal(13226418)

Have a look what the booklet for  
Decimal(13226418) contains.

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# **Color**

**Decimal(13226418)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9D1B2
RGB	201, 209, 178
RGB Percent	79%, 82%, 70%
CMY	0.2118, 0.1804, 0.3020
CMYK	0.04, 0.00, 0.15, 0.18
HSL	75°, 25%, 76%
HSV	75°, 15%, 82%
XYZ	54.9237, 61.2328, 51.0438
YIQ	203.0740, 5.1830, -11.3370

# Conversions

## Conversions Part 2

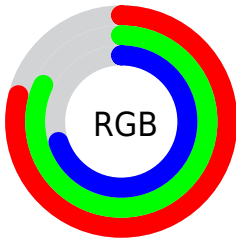
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 209, 186
Decimal	13226418
CIELab	82.50, -8.12, 14.47
CIELCh	83, 16.591, 119.308
Yxy	61.2328, 0.3285, 0.3662
Android (android.graphics.Color)	4291416498 (0xFFC9D1B2)
YUV	203.0740, -12.3615, -1.8189
Hunter-Lab	78.2514, -11.6528, 16.1008

# Details

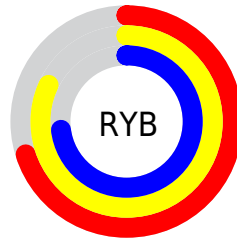
The Decimal color **13226418** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **12235473**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16777194**, and **9673597** is the 20% darker color. If you saturate the color by 10%, you get **12898717**, and if you desaturate by 10%, it is **13554119**.

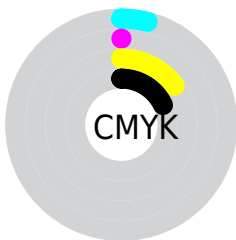
# Distribution



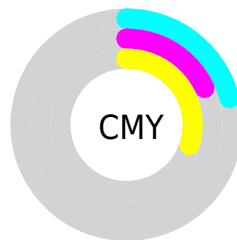
- Red (79%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13226418 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 13226418 by changing the saturation by 10% instead.



 13226418

 13226418

16777215

 11449751

 16777194

 9673597

 7962980

 6318156

 4739125

 3225888

 1843977

 3584

 0

 13226418


 13226418

 12898717

 13554119

 12505480

 13947356

 12177779


 14275057

 11784542

 14668287

 11456842

 14995967

 11129141

 15323647

 10735904

 15716863

 10408203

 16044543

 10211584

 16437759

# Harmonies

## Analogous

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



14339246



13226418



12047805

# Triad

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



13226418



11326440



15516622

# Complementary

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



13226418



12235473

# 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.



14796253



13226418



12373996

# Square

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



13226418



10868444



13683176



15647935

# Rectangle

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



13226418



11458247



13683176



15385556



# Sweetspot

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



13226418



16580597



13744818



8290425



0



8421504

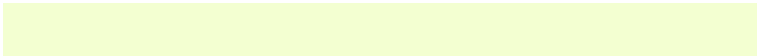


# Same Dimension

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



13226418



15990737



12243378



6711646



8235008



1976576



# Inverse Universe

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



12235473



14537215



13218513



6381161



2818216

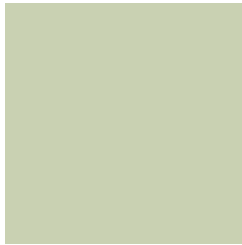


720937



# Previews

## White Background



This preview shows how the Decimal color 13226418 looks on a white background.

## Color Contrast Check

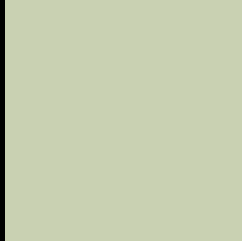
Large Text (above 18pt) WCAG AA × Fail

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 13226418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

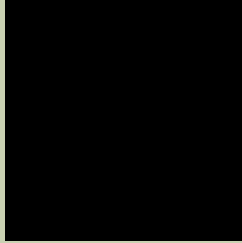
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

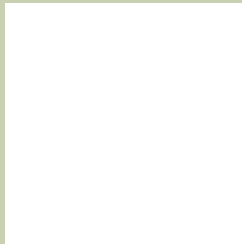
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 13226418 Background



This preview shows how black text looks on a background with the Decimal color 13226418.




This preview shows how white text looks on a background with the Decimal color 13226418.

# 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](#).

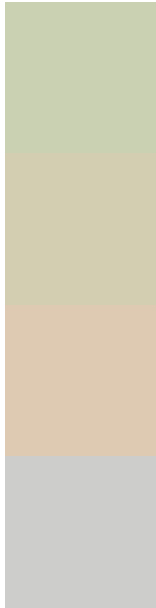
## Dichromacy





**Tritanopia**  
13618139

# Trichromacy



**Original Color**  
13226418

**Protanomaly**  
13881009

**Deuteranomaly**  
14600883

**Tritanomaly**  
13487564

# Monochromacy



**Original Color**  
13226418

**Achromatopsia**  
13355979

**Achromatomaly**  
13290946

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13226418 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 #C9D1B2 looks like.

```
.text, #text, p{  
    color:#C9D1B2  
}
```

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 #C9D1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D1B2
}
```

## Border

The CSS property to change the border of an element to Decimal 13226418 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
#C9D1B2 }
```

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

```
.border{ border-color:#C9D1B2 }
```

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

Here you see how a box with a 4 pixel `#C9D1B2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D1B2; -webkit-box-shadow:4px 4px  
4px 4px #C9D1B2; box-shadow:4px 4px 4px  
4px #C9D1B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 13226418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D1B2 }
```

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

```
.background{ background-color:#C9D1B2 }
```

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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