

# Converting Colors

Decimal(12828831)

Have a look what the booklet for  
Decimal(12828831) contains.

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# **Color**

**Decimal(12828831)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3C09F
RGB	195, 192, 159
RGB Percent	76%, 75%, 62%
CMY	0.2353, 0.2471, 0.3765
CMYK	0.00, 0.02, 0.18, 0.24
HSL	55°, 23%, 69%
HSV	55°, 18%, 76%
XYZ	47.6133, 51.8046, 40.2907
YIQ	189.1350, 12.3810, -9.6270

# Conversions

## Conversions Part 2

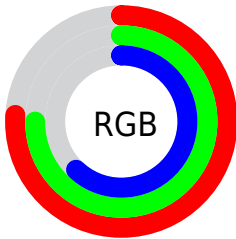
Format	Color
<a href="#">RYB</a>	<a href="#">162, 195, 159</a>
Decimal	<a href="#">12828831</a>
CIELab	<a href="#">77.16, -4.47, 17.04</a>
CIELCh	<a href="#">77, 17.618, 104.692</a>
Yxy	<a href="#">51.8046, 0.3408, 0.3708</a>
Android (android.graphics.Color)	<a href="#">4291018911 (0xFFC3C09F)</a>
YUV	<a href="#">189.1350, -14.8566, 5.1436</a>
Hunter-Lab	<a href="#">71.9754, -7.8752, 17.1932</a>

# Details

The Decimal color **12828831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **10461891**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16578774**, and **9276267** is the 20% darker color. If you saturate the color by 10%, you get **12828300**, and if you desaturate by 10%, it is **12829363**.

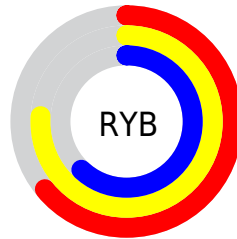
# Distribution



Red (76%)

Green (75%)

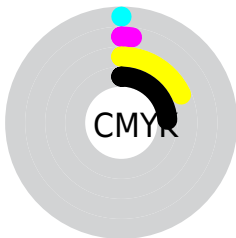
Blue (62%)



Red (64%)

Yellow (76%)

Blue (62%)

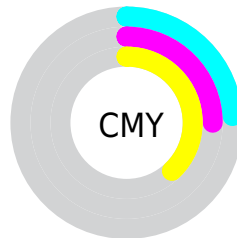


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12828831 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 12828831 by changing the saturation by 10% instead.





12828831



12828831

16777215



11052421



16578774



9276267



16777202



7565651



5921084



4407590



2894609



1513216



0



12828831



12828831

 12828300

 12829363

 12828024

 12829638

 12827493

 12830170

 12827217

 12830445

 12826686

 12830975

 12826154

 12831487

 12825879

 12831743

 12825347

 12832255

 12825344

 12832767

# Harmonies

## Analogous

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



13876127



12828831



11584935

# Triad

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



12828831



9881301



14333128

# Complementary

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



12828831



10461891

# 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.



13351126



12828831



10732510

# Square

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



12828831



9816262



12041694



14791607

# Rectangle

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



12828831



10799024



12041694



14071245

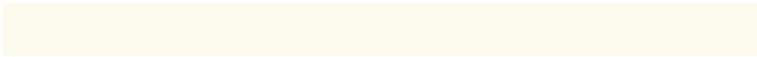


# Sweetspot

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



12828831



16579565



12820386



8421239



0



8421504



# Same Dimension

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



12828831



16578757



11846559



6381655



10588928



2170368



# Inverse Universe

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



10461891



12962556



11444163



5724257



3489



801



# Previews

## White Background



This preview shows how the Decimal color 12828831 looks on a white background.

## Color Contrast Check

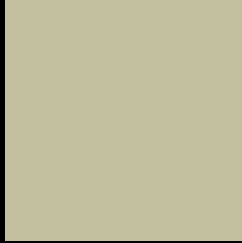
Large Text (above 18pt) WCAG AA × Fail

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 12828831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

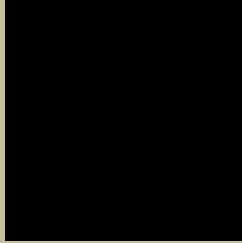
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

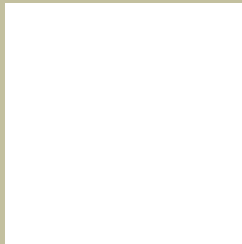
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12828831 Background



This preview shows how black text looks on a background with the Decimal color 12828831.



This preview shows how white text looks on a background with the Decimal color 12828831.

# 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**  
13220553

# Trichromacy



**Original Color**  
12828831

**Protanomaly**  
13090718

**Deuteranomaly**  
13810336

**Tritanomaly**  
13089978

# Monochromacy



**Original Color**  
12828831

**Achromatopsia**  
12434877

**Achromatomaly**  
12566194

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12828831 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 #C3C09F looks like.

```
.text, #text, p{  
    color:#C3C09F  
}
```

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 #C3C09F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C09F
}
```

## Border

The CSS property to change the border of an element to Decimal 12828831 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
#C3C09F }
```

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

```
.border{ border-color:#C3C09F }
```

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

Here you see how a box with a 4 pixel #C3C09F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C09F; -webkit-box-shadow:4px 4px  
4px 4px #C3C09F; box-shadow:4px 4px 4px  
4px #C3C09F }
```

# Background

The CSS property to change the background color of an element to Decimal 12828831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C09F }
```

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

```
.background{ background-color:#C3C09F }
```

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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