

# Converting Colors

Decimal(12818019)

Have a look what the booklet for  
Decimal(12818019) contains.

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# **Color**

**Decimal(12818019)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C39663
RGB	195, 150, 99
RGB Percent	76%, 59%, 39%
CMY	0.2353, 0.4118, 0.6118
CMYK	0.00, 0.23, 0.49, 0.24
HSL	32°, 44%, 58%
HSV	32°, 49%, 76%
XYZ	35.6642, 34.3156, 16.5483
YIQ	157.6410, 43.1910, -6.3210

# Conversions

## Conversions Part 2

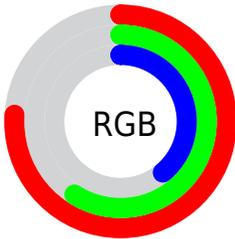
Format	Color
<a href="#">RYB</a>	<a href="#">184, 195, 99</a>
Decimal	<a href="#">12818019</a>
<a href="#">CIELab</a>	<a href="#">65.21, 10.58, 33.29</a>
<a href="#">CIELCh</a>	<a href="#">65, 34.931, 72.366</a>
<a href="#">Yxy</a>	<a href="#">34.3156, 0.4122, 0.3966</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291008099 (0xFFC39663)</a>
<a href="#">YUV</a>	<a href="#">157.6410, -28.9100, 32.7638</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.5796, 6.1594, 24.2567</a>

# Details

The Decimal color **12818019** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6525123**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16632983**, and **9134899** is the 20% darker color. If you saturate the color by 10%, you get **12815695**, and if you desaturate by 10%, it is **12820343**.

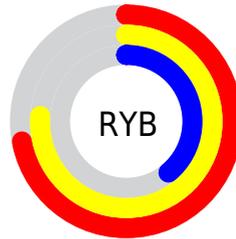
# Distribution



Red (76%)

Green (59%)

Blue (39%)



Red (72%)

Yellow (76%)

Blue (39%)

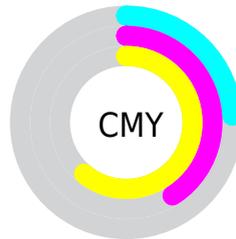


Cyan (0%)

Magenta (23%)

Yellow (49%)

Black (24%)



Cyan (24%)

Magenta (41%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12818019 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 12818019 by changing the saturation by 10% instead.

 12818019

 12818019

16777215

 10976331

 16632983

 9134899

 16771249

 7359260

 16777165

 5584132

 16777194

 3940096

 2361856

 0

 12818019

 12818019

 12815695

 12820343

■ 12813372

■ 12822666

■ 12811049

■ 12824990

■ 12808469

■ 12827569

■ 12806146

■ 12829892

■ 12806144

■ 12832216

■ 12834540

■ 12836863

■ 12839167

# Harmonies

## Analogous

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



14060662



12818019



10920288

# Triad

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



12818019



3321771



11702989

# Complementary

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



12818019



6525123

# 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.



8822235



12818019



2207175

# Square

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



12818019



6139530



5351385



13666482

# Rectangle

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



12818019



9479784



5351385



10851795

# Sweetspot

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



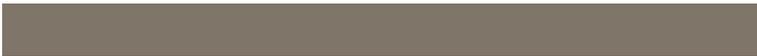
12818019



16575447



12805009



8418665



0



8421504



# Same Dimension

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



12818019



16562024



12698467



6380631



10573056



2167296



# Inverse Universe

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



6525123



6860284



6644675



5725281



19361

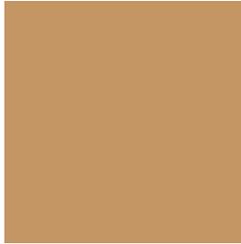


4129



# Previews

## White Background



This preview shows how the Decimal color 12818019 looks on a white background.

## Color Contrast Check

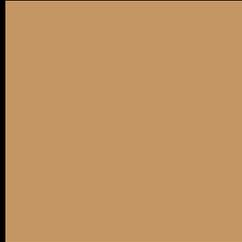
Large Text (above 18pt) WCAG AA × Fail

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 12818019 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

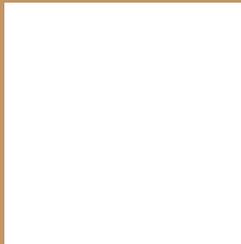
Any Text WCAG AAA ✓ Pass

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

## Decimal 12818019 Background



This preview shows how black text looks on a background with the Decimal color 12818019.



This preview shows how white text looks on a background with the Decimal color 12818019.

# 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



**Original Color**  
12818019

**Protanopia**  
11312998

**Deuteranopia**  
12621667



**Tritanopia**  
13143962

# Trichromacy



**Original Color**  
12818019

**Protanomaly**  
11836517

**Deuteranomaly**  
12687203

**Tritanomaly**  
13013638

# Monochromacy



**Original Color**  
12818019

**Achromatopsia**  
10395294

**Achromatomaly**  
11246473

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12818019 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 #C39663 looks like.

```
.text, #text, p{  
    color:#C39663  
}
```

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 #C39663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39663
}
```

## Border

The CSS property to change the border of an element to Decimal 12818019 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
#C39663 }
```

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

```
.border{ border-color:#C39663 }
```

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

Here you see how a box with a 4 pixel #C39663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39663; -webkit-box-shadow:4px 4px  
4px 4px #C39663; box-shadow:4px 4px 4px  
4px #C39663 }
```

# Background

The CSS property to change the background color of an element to Decimal 12818019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39663 }
```

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

```
.background{ background-color:#C39663 }
```

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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