

# Converting Colors

Decimal(13019521)

Have a look what the booklet for  
Decimal(13019521) contains.

<b>Decimal(13019521)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13019521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6A981
RGB	198, 169, 129
RGB Percent	78%, 66%, 51%
CMY	0.2235, 0.3373, 0.4941
CMYK	0.00, 0.15, 0.35, 0.22
HSL	35°, 38%, 64%
HSV	35°, 35%, 78%
XYZ	41.4391, 41.9667, 26.6852
YIQ	173.1110, 30.1240, -6.2920

# Conversions

## Conversions Part 2

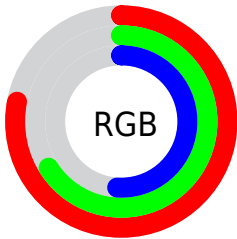
Format	Color
<a href="#">RYB</a>	<a href="#">179, 198, 129</a>
Decimal	<a href="#">13019521</a>
CIELab	<a href="#">70.85, 4.79, 24.58</a>
CIElCh	<a href="#">71, 25.040, 78.970</a>
Yxy	<a href="#">41.9667, 0.3764, 0.3812</a>
Android (android.graphics.Color)	<a href="#">4291209601</a> ( <a href="#">0xFFC6A981</a> )
YUV	<a href="#">173.1110, -21.7467, 21.8277</a>
Hunter-Lab	<a href="#">64.7817, 0.8137, 20.9242</a>

# Details

The Decimal color **13019521** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **8494790**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16769206**, and **9401679** is the 20% darker color. If you saturate the color by 10%, you get **13017453**, and if you desaturate by 10%, it is **13021589**.

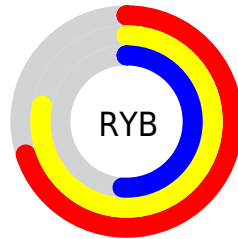
# Distribution



Red (78%)

Green (66%)

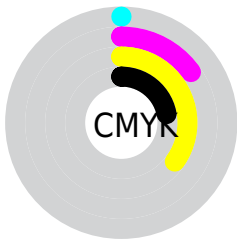
Blue (51%)



Red (70%)

Yellow (78%)

Blue (51%)

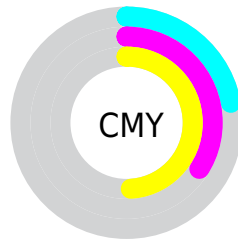


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13019521 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 13019521 by changing the saturation by 10% instead.



 13019521

 13019521

16777215

 11177832

 16769206

 9401679

 16776658

 7691320

 16777198

 5981474

 4337420

 2824704

 1048576

 0

 13019521

 13019521

 13017453

 13021589

 13015129

 13023913

 13013062

 13025980

 13010994

 13028048

 13008670

 13030372

 13006602

 13032440

 13005568

 13034495

 13036799

 13038847

# Harmonies

## Analogous

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



14066316



13019521



11513986

# Triad

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



13019521



7125691



12755915

# Complementary

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



13019521



8494790

# 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.



10922712



13019521



7321807

# Square

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



13019521



8174244



8827610



13999799

# Rectangle

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



13019521



10401161



8827610



12232145



# Sweetspot

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



13019521



16774374



13009311



8419696



0



8421504



# Same Dimension

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



13019521



16765588



12699265



6512474



10706688



2364672

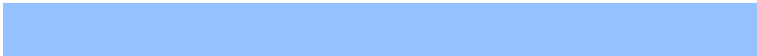


# Inverse Universe

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



8494790



9748991



8815046



5922403



17827



3876



# Previews

## White Background



This preview shows how the Decimal color 13019521 looks on a white background.

## Color Contrast Check

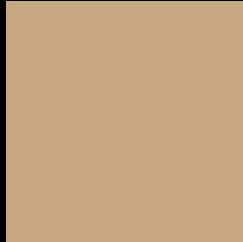
Large Text (above 18pt) WCAG AA × Fail

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 13019521 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 13019521 Background



This preview shows how black text looks on a background with the Decimal color 13019521.



This preview shows how white text looks on a background with the Decimal color 13019521.

# 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**  
13019521

**Protanopia**  
12234115

**Deuteranopia**  
13477506



**Tritanopia**  
13345711

# Trichromacy



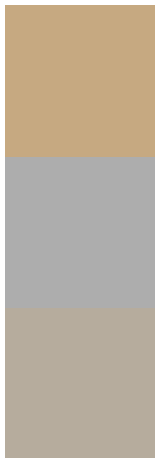
**Original Color**  
13019521

**Protanomaly**  
12496002

**Deuteranomaly**  
13281154

**Tritanomaly**  
13215134

# Monochromacy



**Original Color**  
13019521

**Achromatopsia**  
11382189

**Achromatomaly**  
11971741

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13019521 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 #C6A981 looks like.

```
.text, #text, p{  
    color:#C6A981  
}
```

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 #C6A981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A981
}
```

## Border

The CSS property to change the border of an element to Decimal 13019521 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
#C6A981 }
```

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

```
.border{ border-color:#C6A981 }
```

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

Here you see how a box with a 4 pixel #C6A981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A981; -webkit-box-shadow:4px 4px  
4px 4px #C6A981; box-shadow:4px 4px 4px  
4px #C6A981 }
```

# Background

The CSS property to change the background color of an element to Decimal 13019521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A981 }
```

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

```
.background{ background-color:#C6A981 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor