

# Converting Colors

Decimal(12960129)

Have a look what the booklet for  
Decimal(12960129) contains.

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# **Color**

**Decimal(12960129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C181
RGB	197, 193, 129
RGB Percent	77%, 76%, 51%
CMY	0.2275, 0.2431, 0.4941
CMYK	0.00, 0.02, 0.35, 0.23
HSL	56°, 37%, 64%
HSV	56°, 35%, 77%
XYZ	46.0584, 51.5952, 28.3002
YIQ	186.9000, 22.9280, -19.0560

# Conversions

## Conversions Part 2

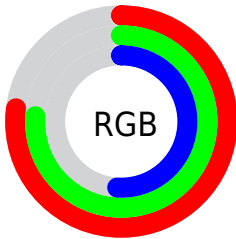
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 197, 129
Decimal	12960129
CIELab	77.04, -8.30, 32.77
CIELCh	77, 33.809, 104.207
Yxy	51.5952, 0.3657, 0.4096
Android (android.graphics.Color)	4291150209 (0xFFC5C181)
YUV	186.9000, -28.5447, 8.8577
Hunter-Lab	71.8298, -11.2453, 26.9212

# Details

The Decimal color **12960129** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8488389**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16710071**, and **9342031** is the 20% darker color. If you saturate the color by 10%, you get **12959853**, and if you desaturate by 10%, it is **12960405**.

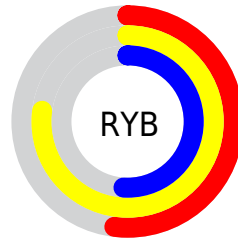
# Distribution



Red (77%)

Green (76%)

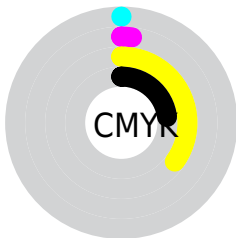
Blue (51%)



Red (52%)

Yellow (77%)

Blue (51%)

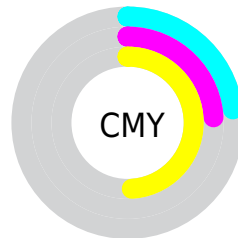


Cyan (0%)

Magenta (2%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12960129 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 12960129 by changing the saturation by 10% instead.





12960129



12960129

16777215



11118183



16710071



9342031



16777170



7631415



16777199



5921312



4342279



2829312



1120256



0



12960129



12960129

12959853

12960405

12959578

12960680

12959302

12960956

12958770

12961488

12958494

12961764

12958219

12962039

12957952

12962303

12962559

12962815

# Harmonies

## Analogous

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



14923650



12960129



10668432

# Triad

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



12960129



5950953



15903184

# Complementary

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



12960129



8488389

# 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.



14004715



12960129



8177402

# Square

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



12960129



6213580



11255035



16623536

# Rectangle

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



12960129



9031074



11255035



15379418



# Sweetspot

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



12960129



16776934



12943750



8421232



0



8421504



# Same Dimension

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



12960129



16775574



11060609



6513498



10721792



2368000



# Inverse Universe

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



8488389



9870847



10387909



5921379



2723



548



# Previews

## White Background



This preview shows how the Decimal color 12960129 looks on a white background.

## Color Contrast Check

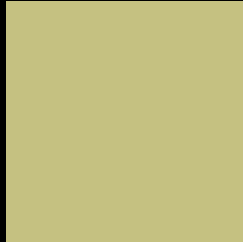
Large Text (above 18pt) WCAG AA × Fail

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 12960129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

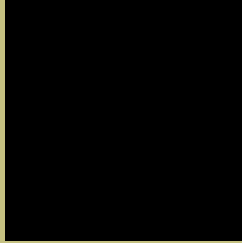
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 12960129 Background



This preview shows how black text looks on a background with the Decimal color 12960129.



This preview shows how white text looks on a background with the Decimal color 12960129.

# 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](#).

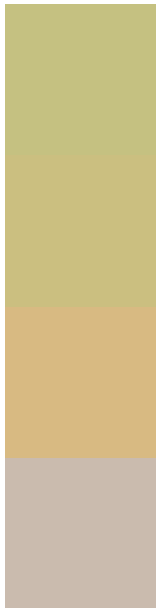
## Dichromacy





**Tritanopia**  
13482183

# Trichromacy



**Original Color**  
12960129

**Protanomaly**  
13352832

**Deuteranomaly**  
14203522

**Tritanomaly**  
13286318

# Monochromacy



**Original Color**  
12960129

**Achromatopsia**  
12303291

**Achromatomaly**  
12565926

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12960129 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 #C5C181 looks like.

```
.text, #text, p{  
    color:#C5C181  
}
```

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 #C5C181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C181
}
```

## Border

The CSS property to change the border of an element to Decimal 12960129 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
#C5C181 }
```

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

```
.border{ border-color:#C5C181 }
```

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

Here you see how a box with a 4 pixel #C5C181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C181; -webkit-box-shadow:4px 4px  
4px 4px #C5C181; box-shadow:4px 4px 4px  
4px #C5C181 }
```

# Background

The CSS property to change the background color of an element to Decimal 12960129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C181 }
```

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

```
.background{ background-color:#C5C181 }
```

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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