

# Converting Colors

Decimal(12173401)

Have a look what the booklet for  
Decimal(12173401) contains.

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# **Color**

**Decimal(12173401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C059
RGB	185, 192, 89
RGB Percent	73%, 75%, 35%
CMY	0.2745, 0.2471, 0.6510
CMYK	0.04, 0.00, 0.54, 0.25
HSL	64°, 45%, 55%
HSV	64°, 54%, 75%
XYZ	40.6604, 48.7348, 16.7149
YIQ	178.1650, 28.8910, -33.5170

# Conversions

## Conversions Part 2

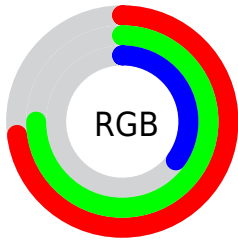
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 192, 96
Decimal	12173401
CIELab	75.29, -16.73, 50.30
CIElCh	75, 53.010, 108.396
Yxy	48.7348, 0.3832, 0.4593
Android (android.graphics.Color)	4290363481 (0xFFB9C059)
YUV	178.1650, -43.9583, 5.9943
Hunter-Lab	69.8103, -18.2024, 34.6712

# Details

The Decimal color **12173401** is a light color, and the websafe version is hex **C6C666**. The color can be described as light muted chartreuse. A complement of this color would be **6314432**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **15988878**, and **8555301** is the 20% darker color. If you saturate the color by 10%, you get **12107846**, and if you desaturate by 10%, it is **12238956**.

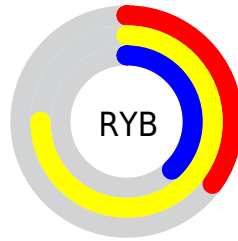
# Distribution



Red (73%)

Green (75%)

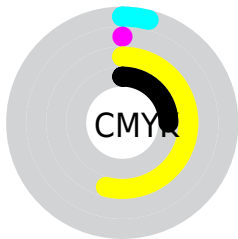
Blue (35%)



Red (35%)

Yellow (75%)

Blue (38%)

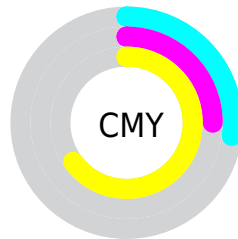


Cyan (4%)

Magenta (0%)

Yellow (54%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12173401 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 12173401 by changing the saturation by 10% instead.



 12173401

 12173401

16777215

 10331455

 15988878

 8555301

 16777129

 6779138

 16777157

 5069056

 16777186

 3424768

 1714944

 6400

 0

 12173401

 12173401

12107846

12238956

11976755

12370047

11911199

12435603

11845644

12501158

11780096

12632249

12697804

12763359

12828915

12959999

# Harmonies

## Analogous

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



15183960



12173401



8506230

# Triad

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



12173401



52991



16749519

# Complementary

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



12173401



6314432

# 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.



14918139



12173401



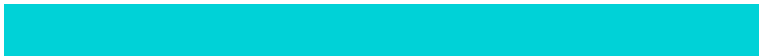
1819903

# Square

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



12173401



53975



10401023



16749213

# Rectangle

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



12173401



5230740



10401023



16750302



# Sweetspot

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



12173401



16251602



12607577



8093029



16579836



8224125



# Same Dimension

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



12173401



15727194



8831065



6316375



9871616



2040064



# Inverse Universe

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



6314432



6642426



9656768



5789537



721057



131105



# Previews

## White Background



This preview shows how the Decimal color 12173401 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 12173401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

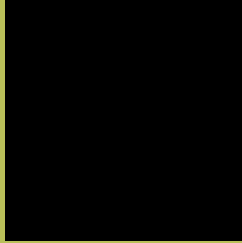
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12173401 Background



This preview shows how black text looks on a background with the Decimal color 12173401.

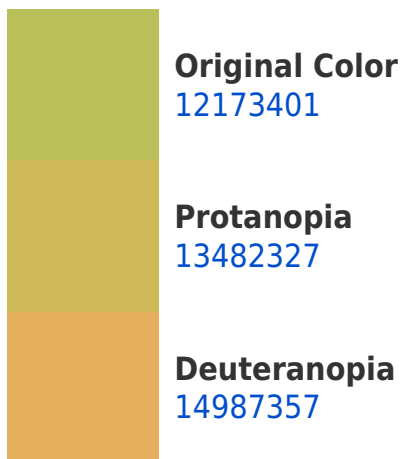



This preview shows how white text looks on a background with the Decimal color 12173401.

# 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**  
12891587

# Trichromacy



**Original Color**  
12173401

**Protanomaly**  
13024344

**Deuteranomaly**  
13940316

**Tritanomaly**  
12630428

# Monochromacy



**Original Color**  
12173401

**Achromatopsia**  
11711154

**Achromatomaly**  
11909010

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12173401 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 #B9C059 looks like.

```
.text, #text, p{  
    color:#B9C059  
}
```

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 #B9C059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C059
}
```

## Border

The CSS property to change the border of an element to Decimal 12173401 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
#B9C059 }
```

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

```
.border{ border-color:#B9C059 }
```

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

Here you see how a box with a 4 pixel #B9C059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C059; -webkit-box-shadow:4px 4px  
4px 4px #B9C059; box-shadow:4px 4px 4px  
4px #B9C059 }
```

# Background

The CSS property to change the background color of an element to Decimal 12173401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C059 }
```

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

```
.background{ background-color:#B9C059 }
```

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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