

Converting Colors

Decimal(12376705)

Have a look what the booklet for
Decimal(12376705) contains.

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Color

Decimal(12376705)

Conversions

Conversions Part 1

Format	Color
Hex	BCDA81
RGB	188, 218, 129
RGB Percent	74%, 85%, 51%
CMY	0.2627, 0.1451, 0.4941
CMYK	0.14, 0.00, 0.41, 0.15
HSL	80°, 55%, 68%
HSV	80°, 41%, 85%
XYZ	49.7729, 62.4192, 30.1937
YIQ	198.8840, 10.6890, -34.0390

Conversions

Conversions Part 2

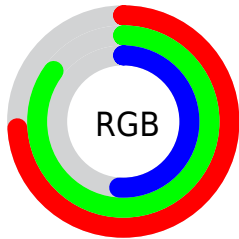
Format	Color
RYB	129, 218, 159
Decimal	12376705
CIELab	83.14, -24.29, 40.50
CIELCh	83, 47.230, 120.956
Yxy	62.4192, 0.3496, 0.4384
Android (android.graphics.Color)	4290566785 (0xFFBCDA81)
YUV	198.8840, -34.4528, -9.5453
Hunter-Lab	79.0058, -25.8069, 32.6452

Details

The Decimal color **12376705** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **10453466**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16121783**, and **8758094** is the 20% darker color. If you saturate the color by 10%, you get **11917931**, and if you desaturate by 10%, it is **12835479**.

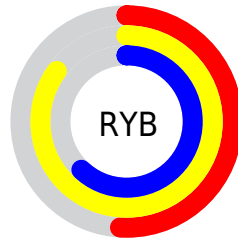
Distribution



Red (74%)

Green (85%)

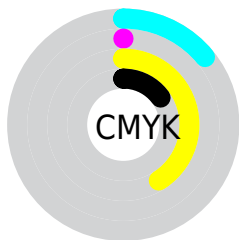
Blue (51%)



Red (51%)

Yellow (85%)

Blue (62%)

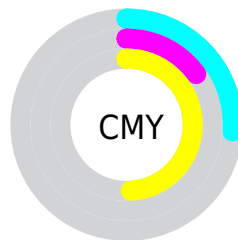


Cyan (14%)

Magenta (0%)

Yellow (41%)

Black (15%)



Cyan (26%)

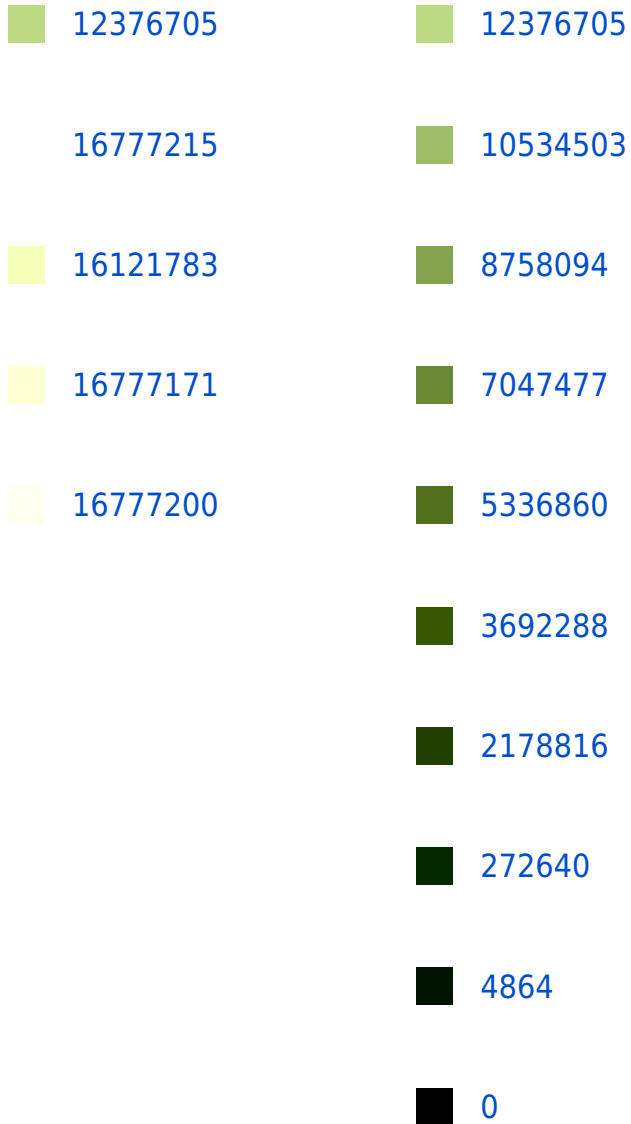
Magenta (15%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12376705 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 12376705 by changing the saturation by 10% instead.



 12376705

 12376705

 11917931


 12835479

 11393621

 13359789

 10934848

 13818562

 10476074

 14277336

 9951764

 14801646

 9558528

 15260415

 15719167

 16243455

 16702207

Harmonies

Analogous

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



15388021



12376705



8840098

Triad

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



12376705



2678783



16755919

Complementary

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



12376705



10453466

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.



16758011



12376705



9360383

Square

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



12376705



58875



14009343



16756900

Rectangle

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



12376705



5957312



14009343



16756190

Sweetspot

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



12376705



16121824



14327681



7962734



0



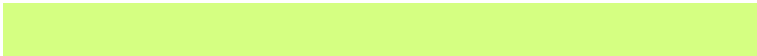
8421504

Same Dimension

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



12376705



14024578



9493121



6975075



7580928



1977856

Inverse Universe

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



10453466



11305727



13337050



6710126



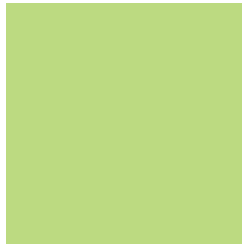
3801261



983086

Previews

White Background



This preview shows how the Decimal color 12376705 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 12376705 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 12376705 Background



This preview shows how black text looks on a background with the Decimal color 12376705.

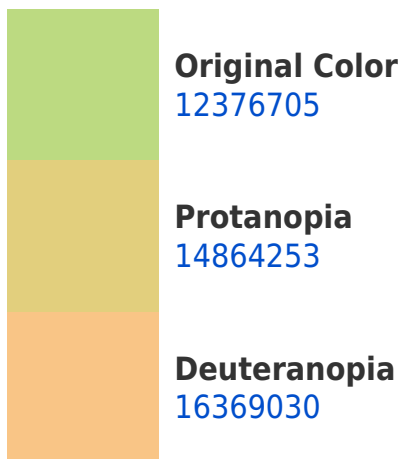


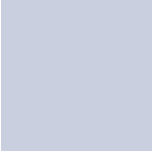
This preview shows how white text looks on a background with the Decimal color 12376705.

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
13225951

Trichromacy



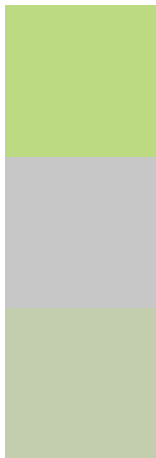
Original Color
12376705

Protanomaly
13947774

Deuteranomaly
14929284

Tritanomaly
12899261

Monochromacy



Original Color
12376705

Achromatopsia
13092807

Achromatomaly
12832430

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12376705 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 #BCDA81 looks like.

```
.text, #text, p{  
    color:#BCDA81  
}
```

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 #BCDA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCDA81
}
```

Border

The CSS property to change the border of an element to Decimal 12376705 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
#BCDA81 }
```

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

```
.border{ border-color:#BCDA81 }
```

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

Here you see how a box with a 4 pixel #BCDA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCDA81; -webkit-box-shadow:4px 4px  
4px 4px #BCDA81; box-shadow:4px 4px 4px  
4px #BCDA81 }
```

Background

The CSS property to change the background color of an element to Decimal 12376705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCDA81 }
```

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

```
.background{ background-color:#BCDA81 }
```

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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