

# Converting Colors

Decimal(12756403)

Have a look what the booklet for  
Decimal(12756403) contains.

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# **Color**

**Decimal(12756403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A5B3
RGB	194, 165, 179
RGB Percent	76%, 65%, 70%
CMY	0.2392, 0.3529, 0.2980
CMYK	0.00, 0.15, 0.08, 0.24
HSL	331°, 19%, 70%
HSV	331°, 15%, 76%
XYZ	43.8400, 41.6343, 48.3734
YIQ	175.2670, 12.7900, 10.5020

# Conversions

## Conversions Part 2

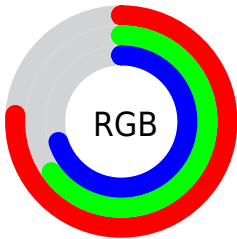
Format	Color
<a href="#">RYB</a>	<a href="#">194, 165, 179</a>
Decimal	<a href="#">12756403</a>
CIELab	<a href="#">70.62, 12.97, -3.27</a>
CIElCh	<a href="#">71, 13.372, 345.858</a>
Yxy	<a href="#">41.6343, 0.3275, 0.3111</a>
Android (android.graphics.Color)	<a href="#">4290946483</a> ( <a href="#">0xFFC2A5B3</a> )
YUV	<a href="#">175.2670, 1.8404, 16.4288</a>
Hunter-Lab	<a href="#">64.5246, 8.3601, 0.7182</a>

# Details

The Decimal color **12756403** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10863284**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16506091**, and **9204094** is the 20% darker color. If you saturate the color by 10%, you get **12751529**, and if you desaturate by 10%, it is **12761277**.

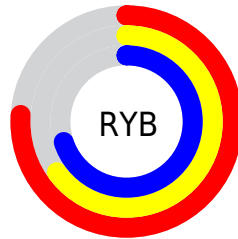
# Distribution



Red (76%)

Green (65%)

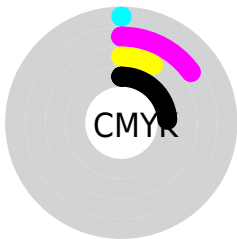
Blue (70%)



Red (76%)

Yellow (65%)

Blue (70%)

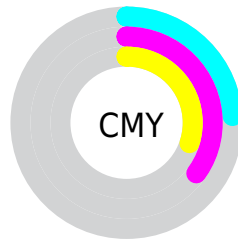


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12756403 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 12756403 by changing the saturation by 10% instead.



 12756403

 12756403

16777215

 10980248

 16506091

 9204094

 16775679

 7559525

 5914957

 4336439

 2889249

 1638411

 0

 12756403

 12756403

 12751529

 12761277

 12746399

 12766407

 12741525

 12771281

 12736395

 12776411

 12731521

 12779493

 12726647

 12779503

 12721517

 12779513

 12716643

 12779519

 12714078

# Harmonies

## Analogous

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



12036286



12756403



13084071

# Triad

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



12756403



11579029



9417662

# Complementary

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



12756403



10863284

# 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.



9352371



12756403



10662300

# Square

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



12756403



12364437



9811110



10072260

# Rectangle

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



12756403



13018783



9811110



9352122



# Sweetspot

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



12756403



16577271



11838914



8419708



0



8421504



# Same Dimension

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



12756403



16568293



12756389



6379356



10551374



2162704



# Inverse Universe

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



12756403



16568293



10863298



6379356



10551374

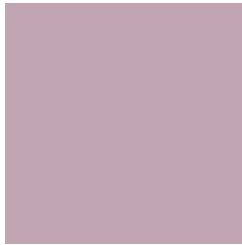


2162704



# Previews

## White Background



This preview shows how the Decimal color 12756403 looks on a white background.

## Color Contrast Check

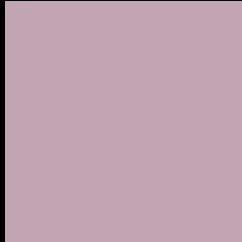
Large Text (above 18pt) WCAG AA × Fail

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 12756403 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

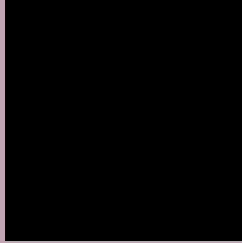
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12756403 Background



This preview shows how black text looks on a background with the Decimal color 12756403.



This preview shows how white text looks on a background with the Decimal color 12756403.

# 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**  
12756403

**Protanopia**  
11381943

**Deuteranopia**  
12298418



**Tritanopia**  
12756402

# Trichromacy



**Original Color**  
12756403

**Protanomaly**  
11905462

**Deuteranomaly**  
12494770

**Tritanomaly**  
12756402

# Monochromacy



**Original Color**  
12756403

**Achromatopsia**  
11513775

**Achromatomaly**  
11971504

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12756403 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 #C2A5B3 looks like.

```
.text, #text, p{  
    color:#C2A5B3  
}
```

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 #C2A5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A5B3
}
```

## Border

The CSS property to change the border of an element to Decimal 12756403 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
#C2A5B3 }
```

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

```
.border{ border-color:#C2A5B3 }
```

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

Here you see how a box with a 4 pixel #C2A5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A5B3; -webkit-box-shadow:4px 4px  
4px 4px #C2A5B3; box-shadow:4px 4px 4px  
4px #C2A5B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12756403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A5B3 }
```

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

```
.background{ background-color:#C2A5B3 }
```

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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