

# Converting Colors

Decimal(12747743)

Have a look what the booklet for  
Decimal(12747743) contains.

<b>Decimal(12747743)</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(12747743)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C283DF
RGB	194, 131, 223
RGB Percent	76%, 51%, 87%
CMY	0.2392, 0.4863, 0.1255
CMYK	0.13, 0.41, 0.00, 0.13
HSL	281°, 59%, 69%
HSV	281°, 41%, 87%
XYZ	43.6837, 33.0296, 73.8850
YIQ	160.3250, 8.0160, 41.9680

# Conversions

## Conversions Part 2

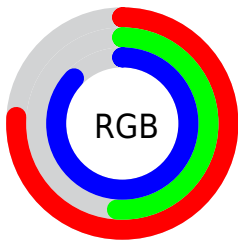
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 131, 223</a>
Decimal	<a href="#">12747743</a>
CIELab	<a href="#">64.18, 40.24, -37.50</a>
CIELCh	<a href="#">64, 55.002, 317.016</a>
Yxy	<a href="#">33.0296, 0.2901, 0.2193</a>
Android (android.graphics.Color)	<a href="#">4290937823 (0xFFC283DF)</a>
YUV	<a href="#">160.3250, 30.8988, 29.5330</a>
Hunter-Lab	<a href="#">57.4714, 35.1019, -35.9930</a>

# Details

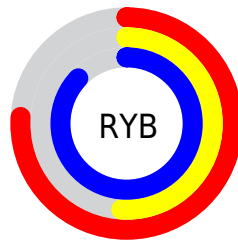
The Decimal color **12747743** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **10542979**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16562687**, and **9130151** is the 20% darker color. If you saturate the color by 10%, you get **12283359**, and if you desaturate by 10%, it is **13212127**.

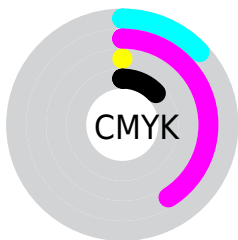
# Distribution



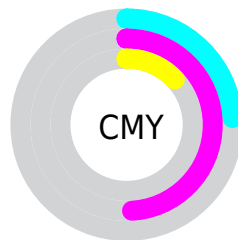
- Red (76%)
- Green (51%)
- Blue (87%)



- Red (76%)
- Yellow (51%)
- Blue (87%)



- Cyan (13%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (49%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12747743 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 12747743 by changing the saturation by 10% instead.



 12747743

 12747743

16777215

 10906051

 16562687

 9130151

 16766463

 7354253

 16773887

 5643891

 3998298

 2359362

 131115

 277

 0

 12747743

 12747743

 12283359

 13212127

 11818719

 13676767

 11354335

 14141151

 10889951

 14605535

 10425311

 15070175

 10027231

 15531999

 15990751

 16449503

 16777183

# Harmonies

## Analogous

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



7903226



12747743



15430579

# Triad

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



12747743



13209912



46263

# Complementary

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



12747743



10542979

# 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.



45700



12747743



10265143

# Square

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



12747743



15302485



6532437



45282

# Rectangle

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



12747743



16150418



6532437



46246



# Sweetspot

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



12747743



16113919



8626399



8023680



0



8421504



# Same Dimension

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



12747743



14123263



14648270



7169392



7864496



2162736



# Inverse Universe

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



14648224



16744616



8642452



7365993



11534391



3145743



# Previews

## White Background



This preview shows how the Decimal color 12747743 looks on a white background.

## Color Contrast Check

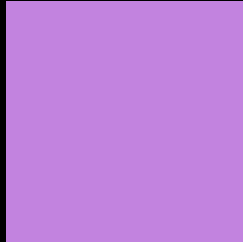
Large Text (above 18pt) WCAG AA × Fail

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 12747743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

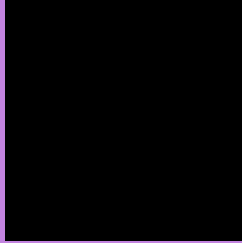
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12747743 Background



This preview shows how black text looks on a background with the Decimal color 12747743.



This preview shows how white text looks on a background with the Decimal color 12747743.

# 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**  
12095901

# Trichromacy



**Original Color**  
12747743



**Protanomaly**  
9802218



**Deuteranomaly**  
10261212



**Tritanomaly**  
12356789

# Monochromacy



**Original Color**  
12747743



**Achromatopsia**  
10526880



**Achromatomaly**  
11310519

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12747743 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 #C283DF looks like.

```
.text, #text, p{  
  color:#C283DF  
}
```

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 #C283DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C283DF
}
```

## Border

The CSS property to change the border of an element to Decimal 12747743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

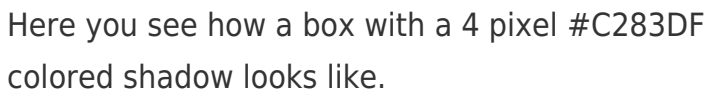
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C283DF }
```

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

```
.border{ border-color:#C283DF }
```

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



Here you see how a box with a 4 pixel `#C283DF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C283DF; -webkit-box-shadow:4px 4px  
4px 4px #C283DF; box-shadow:4px 4px 4px  
4px #C283DF }
```

# Background

The CSS property to change the background color of an element to Decimal 12747743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C283DF }
```

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

```
.background{ background-color:#C283DF }
```

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