

# Converting Colors

Decimal(12696048)

Have a look what the booklet for  
Decimal(12696048) contains.

<b>Decimal(12696048)</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(12696048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1B9F0
RGB	193, 185, 240
RGB Percent	76%, 73%, 94%
CMY	0.2431, 0.2745, 0.0588
CMYK	0.20, 0.23, 0.00, 0.06
HSL	249°, 65%, 83%
HSV	249°, 23%, 94%
XYZ	55.0695, 52.3267, 89.6357
YIQ	193.6620, -12.8870, 18.8010

# Conversions

## Conversions Part 2

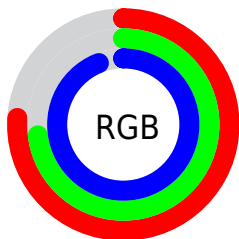
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 185, 240</a>
Decimal	<a href="#">12696048</a>
CIELab	<a href="#">77.48, 13.92, -26.28</a>
CIELCh	<a href="#">77, 29.737, 297.909</a>
Yxy	<a href="#">52.3267, 0.2795, 0.2656</a>
Android (android.graphics.Color)	<a href="#">4290886128 (0xFFC1B9F0)</a>
YUV	<a href="#">193.6620, 22.8446, -0.5806</a>
Hunter-Lab	<a href="#">72.3372, 9.3000, -22.8324</a>

# Details

The Decimal color **12696048** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15265977**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16445951**, and **9143480** is the 20% darker color. If you saturate the color by 10%, you get **11313648**, and if you desaturate by 10%, it is **14078448**.

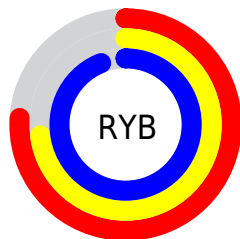
# Distribution



Red (76%)

Green (73%)

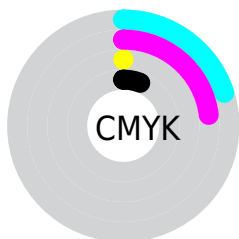
Blue (94%)



Red (76%)

Yellow (73%)

Blue (94%)

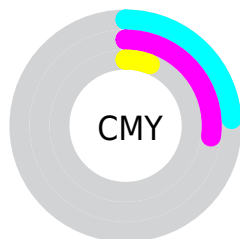


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (27%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12696048 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 12696048 by changing the saturation by 10% instead.



■ 12696048

■ 12696048

16777215

■ 10919636

■ 16445951

■ 9143480

■ 7433117

■ 5723011

■ 4144233

■ 2565713

■ 987706

■ 36

■ 11

 12696048

 12696048

 11313648

 14078448

 9996784

 15395312

 8614384

 16777200

 7297520

 5915120

 4598256

 3215856

 2294000

# Harmonies

## Analogous

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



10142710



12696048



14790877

# Triad

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



12696048



15447186



8114108

# Complementary

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



12696048



15265977

# 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.



10013857



12696048



14007688

# Square

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



12696048



16231847



12109454



7065304

# Rectangle

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



12696048



15707340



12109454



8703667



# Sweetspot

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



12696048



15789567



12184048



7828864



0



8421504



# Same Dimension

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



12696048



12761343



14465520



7236728



1769656



524344



# Inverse Universe

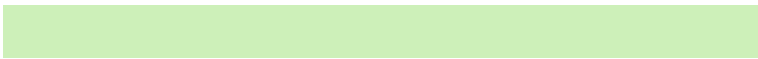
The Inverse Universe completely reimagines the original color for something new.



15776232



16759029



13496505



7892086



12058781



3670064



# Previews

## White Background



This preview shows how the Decimal color 12696048 looks on a white background.

## Color Contrast Check

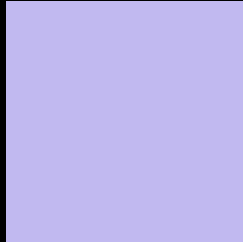
Large Text (above 18pt) WCAG AA × Fail

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 12696048 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

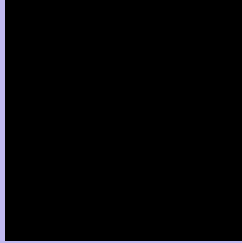
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12696048 Background



This preview shows how black text looks on a background with the Decimal color 12696048.



This preview shows how white text looks on a background with the Decimal color 12696048.

# 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](#).

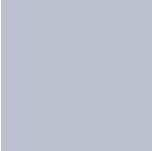
## Dichromacy



**Original Color**  
12696048

**Protanopia**  
11714035

**Deuteranopia**  
12172527

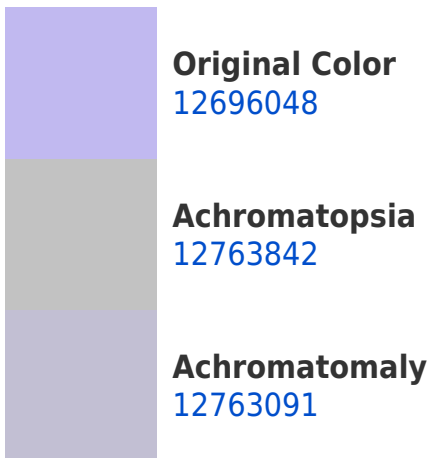


**Tritanopia**  
12304334

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12696048 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 #C1B9F0 looks like.

```
.text, #text, p{  
    color:#C1B9F0  
}
```

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 #C1B9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B9F0
}
```

## Border

The CSS property to change the border of an element to Decimal 12696048 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
#C1B9F0 }
```

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

```
.border{ border-color:#C1B9F0 }
```

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

Here you see how a box with a 4 pixel #C1B9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B9F0; -webkit-box-shadow:4px 4px  
4px 4px #C1B9F0; box-shadow:4px 4px 4px  
4px #C1B9F0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12696048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B9F0 }
```

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

```
.background{ background-color:#C1B9F0 }
```

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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