

# Converting Colors

Decimal(12741040)

Have a look what the booklet for  
Decimal(12741040) contains.

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# **Color**

**Decimal(12741040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C269B0
RGB	194, 105, 176
RGB Percent	76%, 41%, 69%
CMY	0.2392, 0.5882, 0.3098
CMYK	0.00, 0.46, 0.09, 0.24
HSL	312°, 42%, 59%
HSV	312°, 46%, 76%
XYZ	35.1362, 24.7071, 43.9914
YIQ	139.7050, 30.2530, 40.9490

# Conversions

## Conversions Part 2

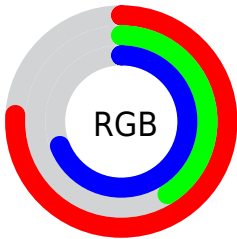
Format	Color
<a href="#">RYB</a>	<a href="#">194, 105, 176</a>
Decimal	<a href="#">12741040</a>
CIELab	<a href="#">56.79, 45.10, -22.36</a>
CIELCh	<a href="#">57, 50.338, 333.633</a>
Yxy	<a href="#">24.7071, 0.3384, 0.2379</a>
Android (android.graphics.Color)	<a href="#">4290931120</a> ( <a href="#">0xFFC269B0</a> )
YUV	<a href="#">139.7050, 17.8934, 47.6167</a>
Hunter-Lab	<a href="#">49.7062, 39.1917, -17.6789</a>

# Details

The Decimal color **12741040** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6931067**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16556008**, and **9057659** is the 20% darker color. If you saturate the color by 10%, you get **12736172**, and if you desaturate by 10%, it is **12745908**.

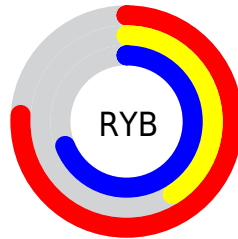
# Distribution



Red (76%)

Green (41%)

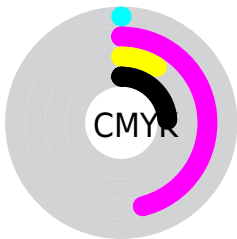
Blue (69%)



Red (76%)

Yellow (41%)

Blue (69%)

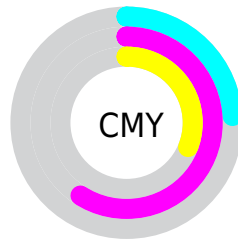


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (59%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12741040 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 12741040 by changing the saturation by 10% instead.



 12741040

 12741040

16777215

 10899349

 16556008

 9057659

 16759551

 7346786

 16766975

 5570634

 16774399

 3932211

 2424862

 0

 12741040

 12741040

 12736172

 12745908

12731048

12751032

12726180

12755900

12721056

12761024

12716188

12765892

12714139

12770760

12775883

12779471

12779475

# Harmonies

## Analogous

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



9534162



12741040



14180741

# Triad

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



12741040



10192938



40376

# Complementary

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



12741040



6931067

# 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.



40588



12741040



7246907

# Square

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



12741040



12548153



2792287



38870

# Rectangle

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



12741040



14181480



2792287



40618



# Sweetspot

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



12741040



16570869



8088002



8415867



0



8421504



# Same Dimension

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



12741040



16544480



12740996



6379359



10551424



2162714



# Inverse Universe

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



12741040



16544480



6931111



6379359



10551424



2162714



# Previews

## White Background



This preview shows how the Decimal color 12741040 looks on a white background.

## Color Contrast Check

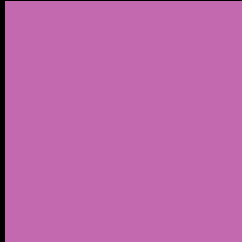
Large Text (above 18pt) WCAG AA ✓ Pass

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 12741040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

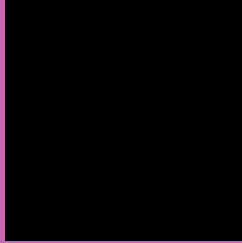
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12741040 Background



This preview shows how black text looks on a background with the Decimal color 12741040.

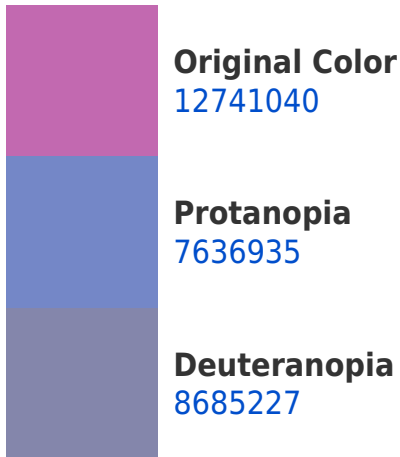


This preview shows how white text looks on a background with the Decimal color 12741040.

# 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





# Trichromacy



**Original Color**  
12741040



**Protanomaly**  
9469119



**Deuteranomaly**  
10189741



**Tritanomaly**  
12480656

# Monochromacy



**Original Color**  
12741040



**Achromatopsia**  
9211020



**Achromatomaly**  
10518425

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12741040 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 #C269B0 looks like.

```
.text, #text, p{  
    color:#C269B0  
}
```

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 #C269B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C269B0
}
```

## Border

The CSS property to change the border of an element to Decimal 12741040 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
#C269B0 }
```

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

```
.border{ border-color:#C269B0 }
```

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

Here you see how a box with a 4 pixel #C269B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C269B0; -webkit-box-shadow:4px 4px  
4px 4px #C269B0; box-shadow:4px 4px 4px  
4px #C269B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12741040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C269B0 }
```

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

```
.background{ background-color:#C269B0 }
```

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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