

# Converting Colors

Decimal(12741826)

Have a look what the booklet for  
Decimal(12741826) contains.

<b>Decimal(12741826)</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(12741826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C26CC2
RGB	194, 108, 194
RGB Percent	76%, 42%, 76%
CMY	0.2392, 0.5765, 0.2392
CMYK	0.00, 0.44, 0.00, 0.24
HSL	300°, 41%, 59%
HSV	300°, 44%, 76%
XYZ	37.3483, 26.0895, 54.1062
YIQ	143.5180, 23.6500, 44.9780

# Conversions

## Conversions Part 2

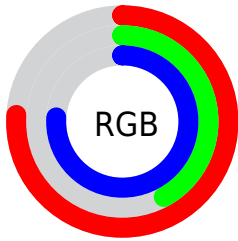
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 108, 194
Decimal	12741826
CIELab	58.12, 46.73, -30.62
CIELCh	58, 55.870, 326.769
Yxy	26.0895, 0.3177, 0.2220
Android (android.graphics.Color)	4290931906 (0xFFC26CC2)
YUV	143.5180, 24.8876, 44.2727
Hunter-Lab	51.0779, 41.1334, -27.0507

# Details

The Decimal color **12741826** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7127660**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16556795**, and **9058444** is the 20% darker color. If you saturate the color by 10%, you get **12736962**, and if you desaturate by 10%, it is **12746690**.

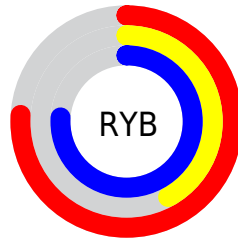
# Distribution



Red (76%)

Green (42%)

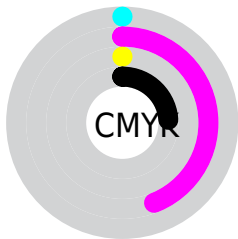
Blue (76%)



Red (76%)

Yellow (42%)

Blue (76%)

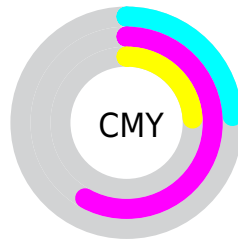


Cyan (0%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (58%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12741826 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 12741826 by changing the saturation by 10% instead.



 12741826

 12741826

16777215

 10900135

 16556795

 9058444

 16760575

 7347570

 16767743

 5570649

 16775167

 3932226

 2490411

 277

 0

 12741826

 12741826

12736962

12746690

12731842

12751810

12726978

12756674

12721858

12761794

12716994

12766658

12714178

12771522

12776642

12779458

# Harmonies

## Analogous

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



8618467



12741826



14704275

# Triad

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



12741826



11175712



41910

# Complementary

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



12741826



7127660

# 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.



41861



12741826



8033836

# Square

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



12741826



13530169



3579731



40669

# Rectangle

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



12741826



15032178



3579731



41894



# Sweetspot

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



12741826



16571644



7105730



8416128



0



8421504



# Same Dimension

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



12741826



16545788



12741783



6379361



10551457



2162721



# Inverse Universe

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



12741826



16545788



7127703



6379361



10551457



2162721



# Previews

## White Background



This preview shows how the Decimal color 12741826 looks on a white background.

## Color Contrast Check

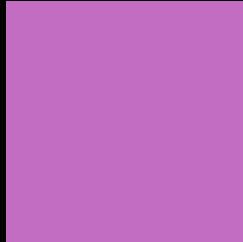
Large Text (above 18pt) WCAG AA ✓ Pass

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 12741826 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

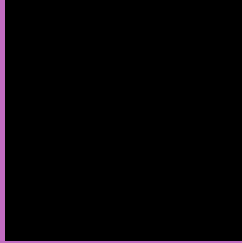
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12741826 Background



This preview shows how black text looks on a background with the Decimal color 12741826.




This preview shows how white text looks on a background with the Decimal color 12741826.

# 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**  
12221059

# Trichromacy



**Original Color**  
12741826



**Protanomaly**  
9273041



**Deuteranomaly**  
9928639



**Tritanomaly**  
12416410

# Monochromacy



**Original Color**  
12741826



**Achromatopsia**  
9474192



**Achromatomaly**  
10650530

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12741826 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 #C26CC2 looks like.

```
.text, #text, p{  
    color:#C26CC2  
}
```

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 #C26CC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C26CC2
}
```

## Border

The CSS property to change the border of an element to Decimal 12741826 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
#C26CC2 }
```

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

```
.border{ border-color:#C26CC2 }
```

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

Here you see how a box with a 4 pixel #C26CC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C26CC2; -webkit-box-shadow:4px 4px  
4px 4px #C26CC2; box-shadow:4px 4px 4px  
4px #C26CC2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12741826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C26CC2 }
```

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

```
.background{ background-color:#C26CC2 }
```

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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