

# Converting Colors

Decimal(12669146)

Have a look what the booklet for  
Decimal(12669146) contains.

<b>Decimal(12669146)</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(12669146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C150DA
RGB	193, 80, 218
RGB Percent	76%, 31%, 85%
CMY	0.2431, 0.6863, 0.1451
CMYK	0.11, 0.63, 0.00, 0.15
HSL	289°, 65%, 58%
HSV	289°, 63%, 85%
XYZ	37.5159, 22.1367, 68.6252
YIQ	129.5190, 23.0500, 66.8740

# Conversions

## Conversions Part 2

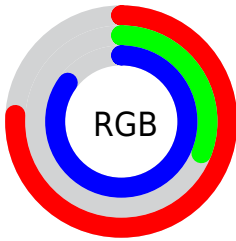
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 80, 218
Decimal	12669146
CIE <sub>Lab</sub>	54.17, 64.31, -50.49
CIE <sub>LCh</sub>	54, 81.760, 321.863
Yxy	22.1367, 0.2925, 0.1726
Android (android.graphics.Color)	4290859226 (0xFFC150DA)
YUV	129.5190, 43.6211, 55.6728
Hunter-Lab	47.0497, 59.9930, -53.5437

# Details

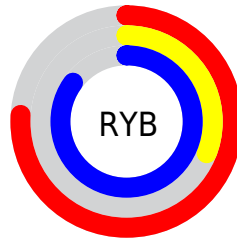
The Decimal color **12669146** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **6937168**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16550143**, and **8916130** is the 20% darker color. If you saturate the color by 10%, you get **12401370**, and if you desaturate by 10%, it is **12936922**.

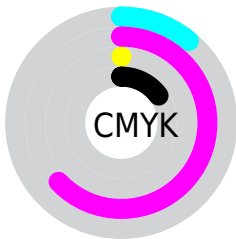
# Distribution



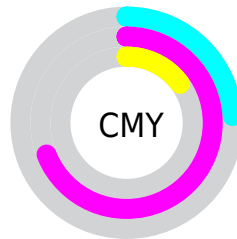
- Red (76%)
- Green (31%)
- Blue (85%)



- Red (76%)
- Yellow (31%)
- Blue (85%)



- Cyan (11%)
- Magenta (63%)
- Yellow (0%)
- Black (15%)




















- Cyan (24%)
- Magenta (69%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12669146 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 12669146 by changing the saturation by 10% instead.



 12669146	 12669146
 16777215	 10761150
 16550143	 8916130
 16753919	 7078024
 16761343	 5242990
 16768767	 3473492
 16776191	 1638460
	 549
	 270
	 0

12669146

12669146

12401370

12936922

12133594

13204698

11866074

13472218

11731162

13739994

14007770

14275546

14543322

14810842

15073242

# Harmonies

## Analogous

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



4225279



12669146



15867544

# Triad

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



12669146



11368448



41141

# Complementary

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



12669146



6937168

# 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.



40555



12669146



7113984

# Square

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



12669146



14571008



39195



40177

# Rectangle

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



12669146



16455785



39195



40861



# Sweetspot

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



12669146



16175103



5269978



8020608



0



8421504



# Same Dimension

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



12669146



14433791



14307502



7103342



9306285



2490414



# Inverse Universe

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



14307433



16727392



5298812



7234405



11337759

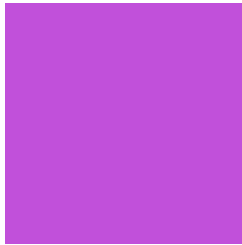


3014664



# Previews

## White Background



This preview shows how the Decimal color 12669146 looks on a white background.

## Color Contrast Check

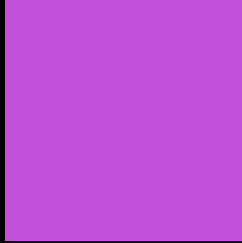
Large Text (above 18pt) WCAG AA ✓ Pass

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 12669146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

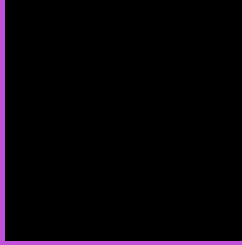
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12669146 Background



This preview shows how black text looks on a background with the Decimal color 12669146.

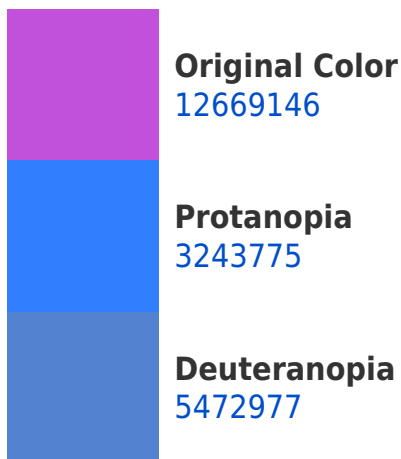


This preview shows how white text looks on a background with the Decimal color 12669146.

# 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**  
11759222

# Trichromacy



**Original Color**  
12669146



**Protanomaly**  
6647282



**Deuteranomaly**  
8089812



**Tritanomaly**  
12084122

# Monochromacy



**Original Color**  
12669146



**Achromatopsia**  
8553090



**Achromatomaly**  
10055842

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12669146 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 #C150DA looks like.

```
.text, #text, p{  
    color:#C150DA  
}
```

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 #C150DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C150DA
}
```

## Border

The CSS property to change the border of an element to Decimal 12669146 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
#C150DA }
```

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

```
.border{ border-color:#C150DA }
```

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

Here you see how a box with a 4 pixel #C150DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C150DA; -webkit-box-shadow:4px 4px  
4px 4px #C150DA; box-shadow:4px 4px 4px  
4px #C150DA }
```

# Background

The CSS property to change the background color of an element to Decimal 12669146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C150DA }
```

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

```
.background{ background-color:#C150DA }
```

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