

# Converting Colors

Decimal(12864996)

Have a look what the booklet for  
Decimal(12864996) contains.

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# Color

**Decimal(12864996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C44DE4
RGB	196, 77, 228
RGB Percent	77%, 30%, 89%
CMY	0.2314, 0.6980, 0.1059
CMYK	0.14, 0.66, 0.00, 0.11
HSL	287°, 74%, 60%
HSV	287°, 66%, 89%
XYZ	39.4224, 22.6450, 75.6919
YIQ	129.7950, 22.4530, 72.1890

# Conversions

## Conversions Part 2

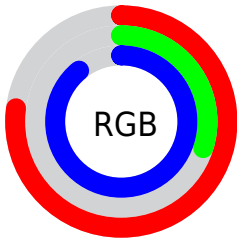
Format	Color
<a href="#">RYB</a>	<a href="#">196, 77, 228</a>
Decimal	<a href="#">12864996</a>
CIELab	<a href="#">54.70, 68.12, -55.27</a>
CIELCh	<a href="#">55, 87.720, 320.947</a>
Yxy	<a href="#">22.6450, 0.2862, 0.1644</a>
Android (android.graphics.Color)	<a href="#">4291055076 (0xFFC44DE4)</a>
YUV	<a href="#">129.7950, 48.4151, 58.0618</a>
Hunter-Lab	<a href="#">47.5867, 64.5986, -60.9966</a>

# Details

The Decimal color **12864996** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **7201869**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16746239**, and **9044140** is the 20% darker color. If you saturate the color by 10%, you get **12531428**, and if you desaturate by 10%, it is **13198564**.

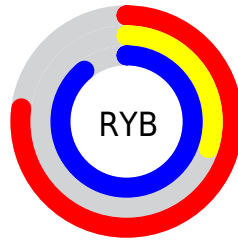
# Distribution



Red (77%)

Green (30%)

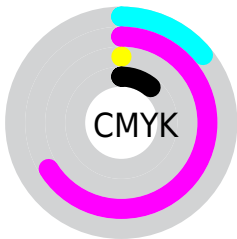
Blue (89%)



Red (77%)

Yellow (30%)

Blue (89%)

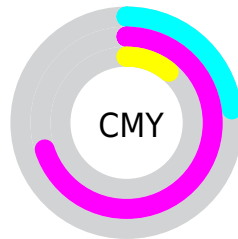


Cyan (14%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (70%)

















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12864996 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 12864996 by changing the saturation by 10% instead.




 12864996	 12864996
16777215	 10956488
 16746239	 9044140
 16753407	 7209105
 16760831	 5374070
 16768255	 3539037
 16775935	 1638468
	 557
	 279
	 0

 12864996

 12864996

 12531428

 13198564

 12197860

 13532132

 11930084


 13799908

 11796708

 14133476

 14467044

 14800612

 15134180

 15466468

 15728612

# Harmonies

## Analogous

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



1997311



12864996



16384157

# Triad

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



12864996



11696128



41656

# Complementary

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



12864996



7201869

# 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.



41321



12864996



7114496

# Square

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



12864996



15094016



39687



40953

# Rectangle

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



12864996



16711787



39687



41630



# Sweetspot

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



12864996



16043263



5074660



7954816



0



8421504



# Same Dimension

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



12864996



13907711



14962105



7366515



9240755



2621491



# Inverse Universe

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



14962029



16725600



5104760



7563114



11730982

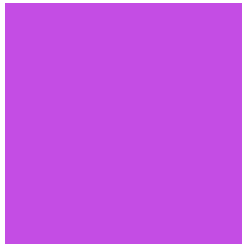


3342347



# Previews

## White Background



This preview shows how the Decimal color 12864996 looks on a white background.

## Color Contrast Check

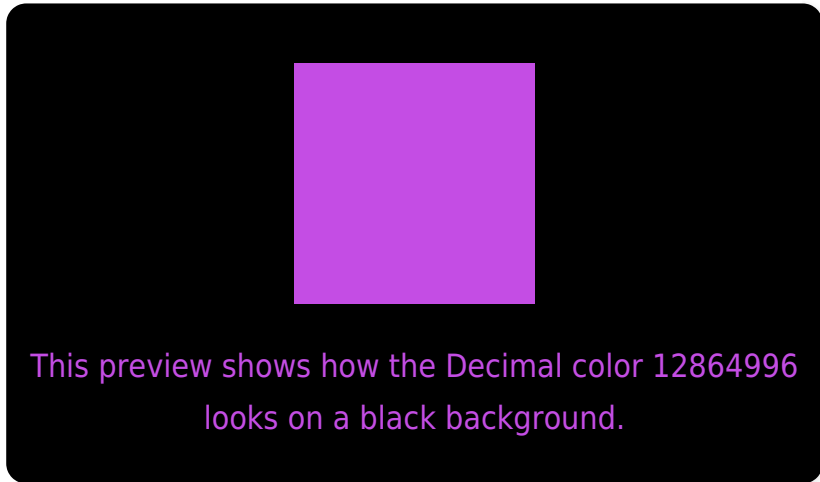
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

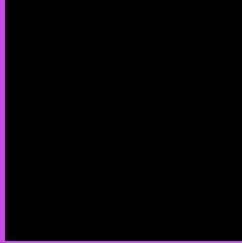
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12864996 Background



This preview shows how black text looks on a background with the Decimal color 12864996.

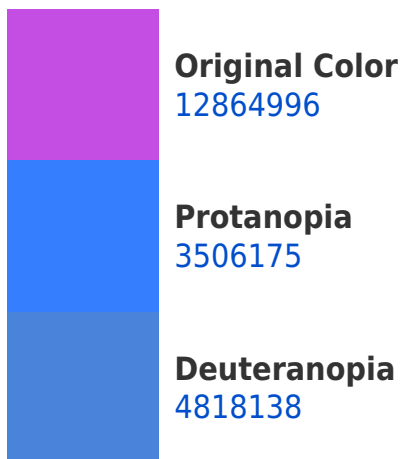


This preview shows how white text looks on a background with the Decimal color 12864996.

# 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**  
11890551

# Trichromacy



**Original Color**  
12864996



**Protanomaly**  
6909429



**Deuteranomaly**  
7762142



**Tritanomaly**  
12215199

# Monochromacy



**Original Color**  
12864996



**Achromatopsia**  
8553090



**Achromatomaly**  
10121126

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12864996 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 #C44DE4 looks like.

```
.text, #text, p{  
    color:#C44DE4  
}
```

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 #C44DE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C44DE4
}
```

## Border

The CSS property to change the border of an element to Decimal 12864996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

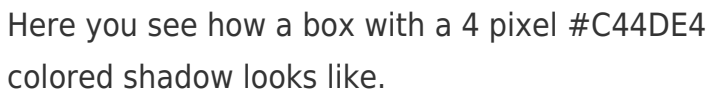
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C44DE4 }
```

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

```
.border{ border-color:#C44DE4 }
```

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



Here you see how a box with a 4 pixel #C44DE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C44DE4; -webkit-box-shadow:4px 4px  
4px 4px #C44DE4; box-shadow:4px 4px 4px  
4px #C44DE4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12864996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C44DE4 }
```

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

```
.background{ background-color:#C44DE4 }
```

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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