

# Converting Colors

Decimal(12886774)

Have a look what the booklet for  
Decimal(12886774) contains.

<b>Decimal(12886774)</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(12886774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A2F6
RGB	196, 162, 246
RGB Percent	77%, 64%, 96%
CMY	0.2314, 0.3647, 0.0353
CMYK	0.20, 0.34, 0.00, 0.04
HSL	264°, 82%, 80%
HSV	264°, 34%, 96%
XYZ	52.3198, 44.2302, 92.9685
YIQ	181.7420, -6.7000, 33.3320

# Conversions

## Conversions Part 2

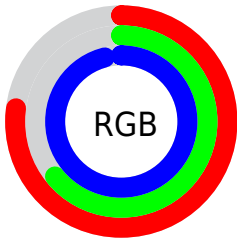
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	196, 162, 246
Decimal	12886774
CIELab	72.38, 28.82, -37.36
CIELCh	72, 47.180, 307.649
Yxy	44.2302, 0.2761, 0.2334
Android (android.graphics.Color)	4291076854 (0xFFC4A2F6)
YUV	181.7420, 31.6792, 12.5043
Hunter-Lab	66.5058, 24.0400, -36.3274

# Details

The Decimal color **12886774** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13956770**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16701951**, and **9268925** is the 20% darker color. If you saturate the color by 10%, you get **11897334**, and if you desaturate by 10%, it is **13876214**.

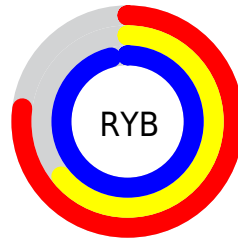
# Distribution



Red (77%)

Green (64%)

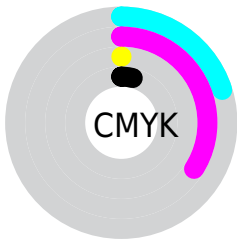
Blue (96%)



Red (77%)

Yellow (64%)

Blue (96%)

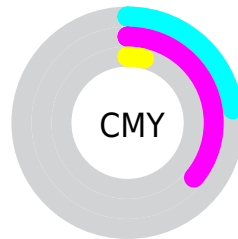


Cyan (20%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (36%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12886774 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 12886774 by changing the saturation by 10% instead.



 12886774

 12886774

16777215

 11045081

 16701951

 9268925

 16774911

 7493026

 5783176

 4138862

 2494805

 983101

 807

 272

 12886774

 12886774

 11897334

 13876214

 10973686


 14799862

 9984246

 15789302

 8995062

 16777206

 8071158

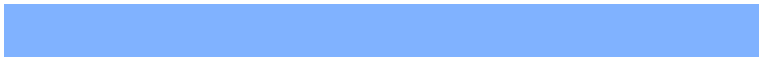
 7081718

 6553846

# Harmonies

## Analogous

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



8434431



12886774



15766483

# Triad

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



12886774



15180898



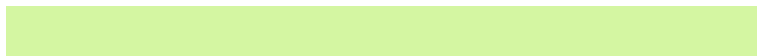
51388

# Complementary

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



12886774



13956770

# 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.



5883279



12886774



12694362

# Square

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



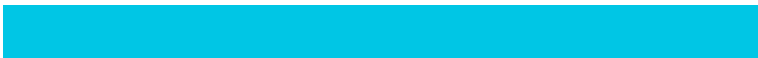
12886774



16749951



9682539



50917

# Rectangle

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



12886774



16748215



9682539



1165485



# Sweetspot

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



12886774



15787775



10671350



7762048



0



8421504



# Same Dimension

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



12886774



12687103



15639286



7564922



4915386



1572923



# Inverse Universe

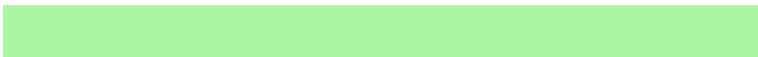
The Inverse Universe completely reimagines the original color for something new.



16163540



16750293



11204258



8023669



12189807



3866659



# Previews

## White Background



This preview shows how the Decimal color 12886774 looks on a white background.

## Color Contrast Check

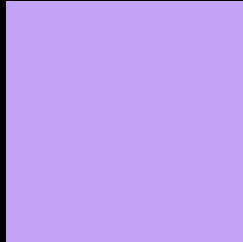
Large Text (above 18pt) WCAG AA × Fail

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 12886774 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

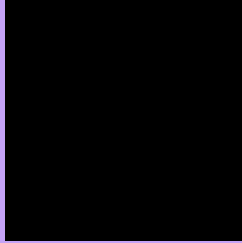
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12886774 Background



This preview shows how black text looks on a background with the Decimal color 12886774.



This preview shows how white text looks on a background with the Decimal color 12886774.

# 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**  
12234427

# Trichromacy



**Original Color**

12886774



**Protanomaly**

11053820



**Deuteranomaly**

11250420



**Tritanomaly**

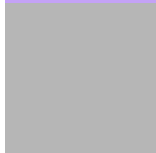
12495568

# Monochromacy



**Original Color**

12886774



**Achromatopsia**

11974326



**Achromatomaly**

12300237

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12886774 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 #C4A2F6 looks like.

```
.text, #text, p{  
  color:#C4A2F6  
}
```

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 #C4A2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A2F6
}
```

## Border

The CSS property to change the border of an element to Decimal 12886774 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
#C4A2F6 }
```

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

```
.border{ border-color:#C4A2F6 }
```

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

Here you see how a box with a 4 pixel #C4A2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A2F6; -webkit-box-shadow:4px 4px  
4px 4px #C4A2F6; box-shadow:4px 4px 4px  
4px #C4A2F6 }
```

# Background

The CSS property to change the background color of an element to Decimal 12886774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A2F6 }
```

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

```
.background{ background-color:#C4A2F6 }
```

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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