

# Converting Colors

Decimal(12627453)

Have a look what the booklet for  
Decimal(12627453) contains.

<b>Decimal(12627453)</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(12627453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0ADFD
RGB	192, 173, 253
RGB Percent	75%, 68%, 99%
CMY	0.2471, 0.3216, 0.0078
CMYK	0.24, 0.32, 0.00, 0.01
HSL	254°, 95%, 84%
HSV	254°, 32%, 99%
XYZ	54.4114, 48.1855, 99.3614
YIQ	187.8010, -14.3560, 28.9080

# Conversions

## Conversions Part 2

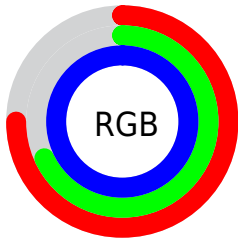
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 173, 253
Decimal	12627453
CIELab	74.94, 23.17, -37.20
CIELCh	75, 43.824, 301.925
Yxy	48.1855, 0.2694, 0.2386
Android (android.graphics.Color)	4290817533 (0xFFC0ADFD)
YUV	187.8010, 32.1431, 3.6825
Hunter-Lab	69.4157, 18.4394, -36.2765

# Details

The Decimal color **12627453** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **15400365**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16377343**, and **9009604** is the 20% darker color. If you saturate the color by 10%, you get **11375869**, and if you desaturate by 10%, it is **13879037**.

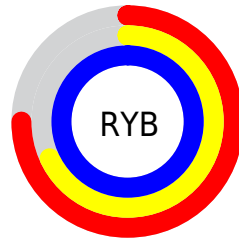
# Distribution



Red (75%)

Green (68%)

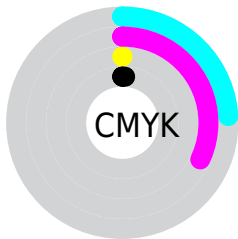
Blue (99%)



Red (75%)

Yellow (68%)

Blue (99%)

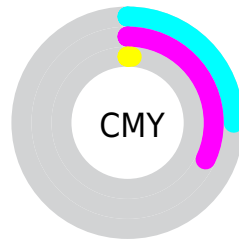


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (32%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12627453 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 12627453 by changing the saturation by 10% instead.



 12627453

 12627453

16777215

 10785504


 16377343

 9009604

 7233705

 5523598

 3879284

 2169947

 198211

 556

 279

■ 12627453

■ 12627453

■ 11375869

■ 13879037

■ 10058493

■ 15196413

■ 8806909

■ 16447997

■ 7555325

16777213

■ 6303485

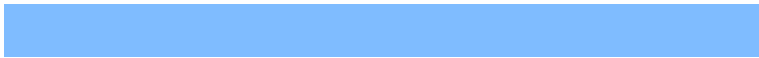
■ 4986365

■ 3932413

# Harmonies

## Analogous

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



8371455



12627453



15572959

# Triad

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



12627453



15837554



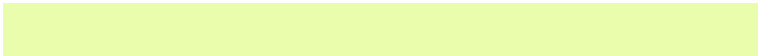
3264186

# Complementary

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



12627453



15400365

# 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.



7654033



12627453



13678439

# Square

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



12627453



16752016



10929010



52706

# Rectangle

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



12627453



16751045



10929010



4967852



# Sweetspot

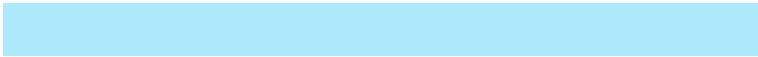
The Sweet Spot groups the original color and five complimentary colors.



12627453



15657215



11397885



7696768



0



8421504



# Same Dimension

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



12627453



11902719



15248893



7762816



2949311



983104



# Inverse Universe

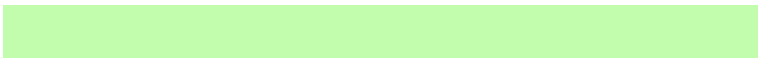
The Inverse Universe completely reimagines the original color for something new.



16625130



16752360



12778925



8418172



12517522

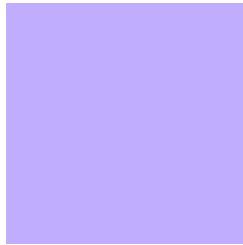


4194353



# Previews

## White Background



This preview shows how the Decimal color 12627453 looks on a white background.

## Color Contrast Check

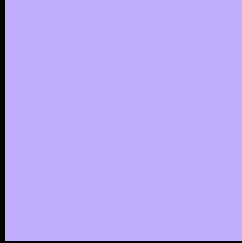
Large Text (above 18pt) WCAG AA × Fail

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 12627453 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

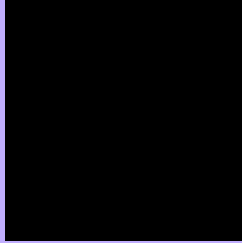
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12627453 Background



This preview shows how black text looks on a background with the Decimal color 12627453.



This preview shows how white text looks on a background with the Decimal color 12627453.

# 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**  
11974854

# Trichromacy



**Original Color**  
12627453

**Protanomaly**  
11383806

**Deuteranomaly**  
11514876

**Tritanomaly**  
12235994

# Monochromacy



**Original Color**  
12627453

**Achromatopsia**  
12369084

**Achromatomaly**  
12433364

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12627453 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 #C0ADFD looks like.

```
.text, #text, p{  
    color:#C0ADFD  
}
```

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 #C0ADFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0ADFD
}
```

## Border

The CSS property to change the border of an element to Decimal 12627453 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
#C0ADFD }
```

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

```
.border{ border-color:#C0ADFD }
```

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

Here you see how a box with a 4 pixel #C0ADFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0ADFD; -webkit-box-shadow:4px 4px  
4px 4px #C0ADFD; box-shadow:4px 4px 4px  
4px #C0ADFD }
```

# Background

The CSS property to change the background color of an element to Decimal 12627453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0ADFD }
```

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

```
.background{ background-color:#C0ADFD }
```

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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