

# Converting Colors

Decimal(12684023)

Have a look what the booklet for  
Decimal(12684023) contains.

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# **Color**

**Decimal(12684023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C18AF7
RGB	193, 138, 247
RGB Percent	76%, 54%, 97%
CMY	0.2431, 0.4588, 0.0314
CMYK	0.22, 0.44, 0.00, 0.03
HSL	270°, 87%, 75%
HSV	270°, 44%, 97%
XYZ	47.8693, 36.2298, 92.4658
YIQ	166.8710, -2.2090, 45.5590

# Conversions

## Conversions Part 2

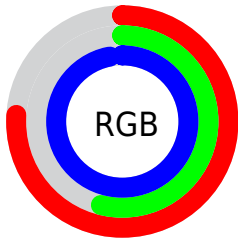
Format	Color
R <sub>Y</sub> B	193, 138, 247
Decimal	12684023
CIE Lab	66.70, 41.37, -46.82
CIE LCh	67, 62.474, 311.462
Yxy	36.2298, 0.2711, 0.2052
Android (android.graphics.Color)	4290874103 (0xFFC18AF7)
YUV	166.8710, 39.5036, 22.9151
Hunter-Lab	60.1912, 36.6242, -48.9475

# Details

The Decimal color **12684023** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12646282**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16498943**, and **9000894** is the 20% darker color. If you saturate the color by 10%, you get **11891191**, and if you desaturate by 10%, it is **13476855**.

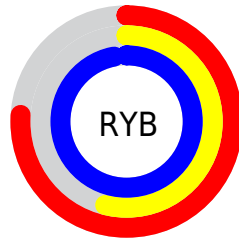
# Distribution



Red (76%)

Green (54%)

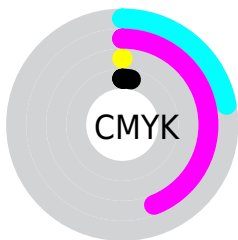
Blue (97%)



Red (76%)

Yellow (54%)

Blue (97%)

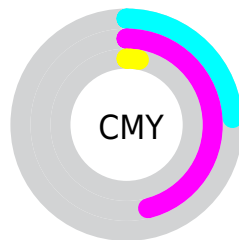


Cyan (22%)

Magenta (44%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (46%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12684023 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 12684023 by changing the saturation by 10% instead.



 12684023

 12684023

16777215

 10842330

 16498943

 9000894

 16768511

 7224995

 16775679

 5449352

 3738734

 1900629

 61

 806

 271

 12684023

 12684023

 11891191

 13476855

 11098615

 14269431

 10240247

 15127799

 9447415

 15920631

 8654583

 16711671

 8192247

 16777207

# Harmonies

## Analogous

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



6005247



12684023



16151751

# Triad

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



12684023



14455602



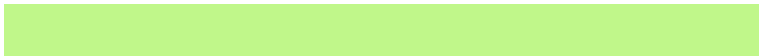
48567

# Complementary

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



12684023



12646282

# 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.



47996



12684023



11249192

# Square

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



12684023



16677978



7189576



48107

# Rectangle

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



12684023



16739746



7189576



48547



# Sweetspot

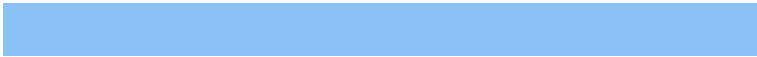
The Sweet Spot groups the original color and five complimentary colors.



12684023



15720191



9093623



7695232



0



8421504



# Same Dimension

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



12684023



12351743



16222967



7630458



6160570



1966139



# Inverse Universe

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



16222912



16742587



9107338



8023668



12189788

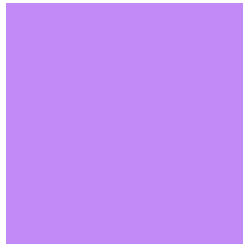


3866653



# Previews

## White Background



This preview shows how the Decimal color 12684023 looks on a white background.

## Color Contrast Check

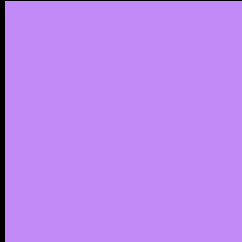
Large Text (above 18pt) WCAG AA × Fail

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 12684023 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

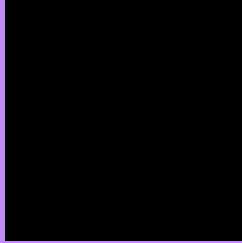
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12684023 Background



This preview shows how black text looks on a background with the Decimal color 12684023.



This preview shows how white text looks on a background with the Decimal color 12684023.

# 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**  
11771048

# Trichromacy



**Original Color**  
12684023



**Protanomaly**  
9869308



**Deuteranomaly**  
9869812



**Tritanomaly**  
12096965

# Monochromacy



**Original Color**  
12684023



**Achromatopsia**  
10987431



**Achromatomaly**  
11574468

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12684023 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 #C18AF7 looks like.

```
.text, #text, p{  
    color:#C18AF7  
}
```

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 #C18AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18AF7
}
```

## Border

The CSS property to change the border of an element to Decimal 12684023 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
#C18AF7 }
```

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

```
.border{ border-color:#C18AF7 }
```

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

Here you see how a box with a 4 pixel #C18AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18AF7; -webkit-box-shadow:4px 4px  
4px 4px #C18AF7; box-shadow:4px 4px 4px  
4px #C18AF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12684023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18AF7 }
```

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

```
.background{ background-color:#C18AF7 }
```

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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