

# Converting Colors

Decimal(13076462)

Have a look what the booklet for  
Decimal(13076462) contains.

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**Color**

**Decimal(13076462)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C787EE
RGB	199, 135, 238
RGB Percent	78%, 53%, 93%
CMY	0.2196, 0.4706, 0.0667
CMYK	0.16, 0.43, 0.00, 0.07
HSL	277°, 75%, 73%
HSV	277°, 43%, 93%
XYZ	47.6498, 35.6431, 85.2573
YIQ	165.8780, 5.0810, 45.6010

# Conversions

## Conversions Part 2

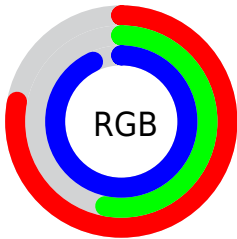
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 135, 238
Decimal	13076462
CIE <sub>Lab</sub>	66.25, 42.69, -42.54
CIE <sub>LCh</sub>	66, 60.265, 315.104
Yxy	35.6431, 0.2827, 0.2115
Android (android.graphics.Color)	4291266542 (0xFFC787EE)
YUV	165.8780, 35.5561, 29.0480
Hunter-Lab	59.7018, 37.9878, -42.8779

# Details

The Decimal color **13076462** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11464327**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16760319**, and **9393078** is the 20% darker color. If you saturate the color by 10%, you get **12480494**, and if you desaturate by 10%, it is **13672430**.

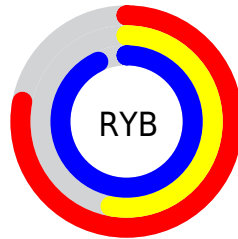
# Distribution



Red (78%)

Green (53%)

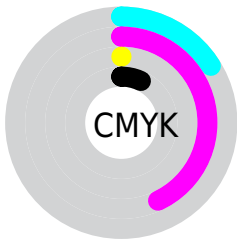
Blue (93%)



Red (78%)

Yellow (53%)

Blue (93%)

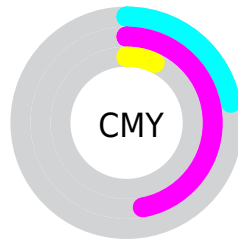


Cyan (16%)

Magenta (43%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (47%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13076462 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 13076462 by changing the saturation by 10% instead.



 13076462

 13076462

16777215

 11234769

 16760319

 9393078

 16767743

 7617178

 16774911

 5907072

 4195686

 2490446

 720950

 544

 4

 13076462

 13076462

 12480494

 13672430

 11884526

 14268398

 11288814

 14864110

 10692846

 15460078

 10096878

 16056046

 9699566

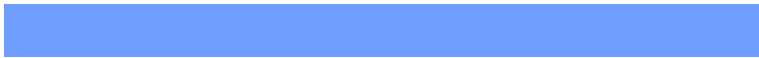
 16646126

 16777198

# Harmonies

## Analogous

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



7315199



13076462



16151486

# Triad

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



13076462



13931827



48060

# Complementary

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



13076462



11464327

# 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.



47747



13076462



10790703

# Square

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



13076462



16219990



6730576



47341

# Rectangle

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



13076462



16740250



6730576



48041



# Sweetspot

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



13076462



15916799



8892142



7891840



0



8421504



# Same Dimension

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



13076462



13466367



15632354



7564408



7471288



2293816



# Inverse Universe

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



15632302



16743085



8908435



7892080



12058694

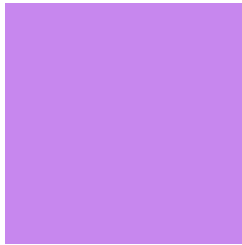


3670037



# Previews

## White Background



This preview shows how the Decimal color 13076462 looks on a white background.

## Color Contrast Check

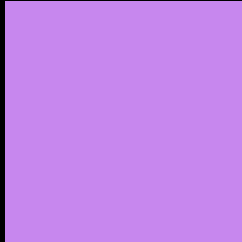
Large Text (above 18pt) WCAG AA × Fail

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 13076462 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 13076462 Background



This preview shows how black text looks on a background with the Decimal color 13076462.



This preview shows how white text looks on a background with the Decimal color 13076462.

# 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**  
12294307

# Trichromacy



**Original Color**  
13076462



**Protanomaly**  
10000121



**Deuteranomaly**  
10328043



**Tritanomaly**  
12554942

# Monochromacy



**Original Color**  
13076462



**Achromatopsia**  
10921638



**Achromatomaly**  
11705280

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13076462 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 #C787EE looks like.

```
.text, #text, p{  
    color:#C787EE  
}
```

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 #C787EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C787EE
}
```

## Border

The CSS property to change the border of an element to Decimal 13076462 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
#C787EE }
```

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

```
.border{ border-color:#C787EE }
```

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

Here you see how a box with a 4 pixel #C787EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C787EE; -webkit-box-shadow:4px 4px  
4px 4px #C787EE; box-shadow:4px 4px 4px  
4px #C787EE }
```

# Background

The CSS property to change the background color of an element to Decimal 13076462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C787EE }
```

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

```
.background{ background-color:#C787EE }
```

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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