

# Converting Colors

Decimal(15833087)

Have a look what the booklet for  
Decimal(15833087) contains.

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# **Color**

**Decimal(15833087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F197FF
RGB	241, 151, 255
RGB Percent	95%, 59%, 100%
CMY	0.0549, 0.4078, 0.0000
CMYK	0.05, 0.41, 0.00, 0.00
HSL	292°, 100%, 80%
HSV	292°, 41%, 100%
XYZ	65.3922, 48.0540, 100.4365
YIQ	189.7660, 20.2560, 51.4240

# Conversions

## Conversions Part 2

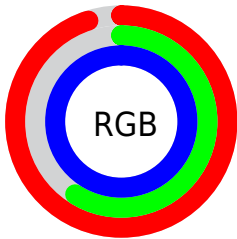
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 151, 255
Decimal	15833087
CIE <sub>Lab</sub>	74.86, 49.77, -38.04
CIE <sub>LCh</sub>	75, 62.637, 322.610
Yxy	48.0540, 0.3057, 0.2247
Android (android.graphics.Color)	4294023167 (0xFFFF197FF)
YUV	189.7660, 32.1604, 44.9322
Hunter-Lab	69.3210, 47.0718, -37.3783

# Details

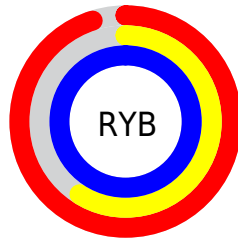
The Decimal color **15833087** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10878871**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16764927**, and **12018118** is the 20% darker color. If you saturate the color by 10%, you get **15630079**, and if you desaturate by 10%, it is **16036351**.

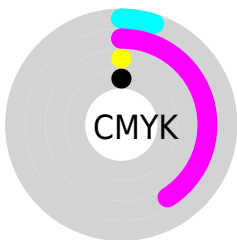
# Distribution



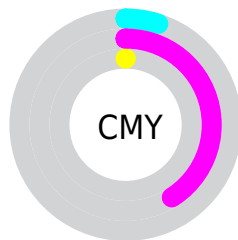
- Red (95%)
- Green (59%)
- Blue (100%)



- Red (95%)
- Yellow (59%)
- Blue (100%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15833087 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 15833087 by changing the saturation by 10% instead.



 15833087

 15833087

16777215

 13925602

 16764927

 12018118

 16772351

 10176426

 8400272

 6622838

 4915292

 3276868

 1638445

 279

 15833087


 15833087

 15630079

 16036351

 15361279

 16304895

 15158271

 16508159

 14889471

 16776703

 14686463

 16777215

 14483711

# Harmonies

## Analogous

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



10661887



15833087



16746185

# Triad

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



15833087



14987328



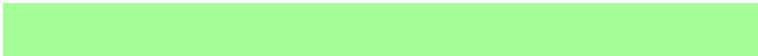
54499

# Complementary

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



15833087



10878871

# 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.



54440



15833087



11387462

# Square

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



15833087



16751198



6737519



53247

# Rectangle

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



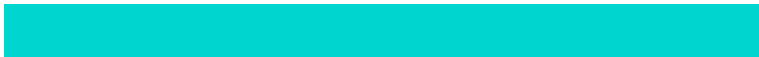
15833087



16745890



6737519



54736



# Sweetspot

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



15833087



16507135



9938943



8220288



0



8421504



# Same Dimension

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



15833087



15631103



16750555



8287104



10879167



3604544



# Inverse Universe

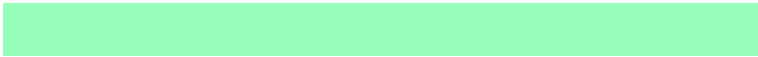
The Inverse Universe completely reimagines the original color for something new.



16750501



16745107



9961403



8418164



12517402

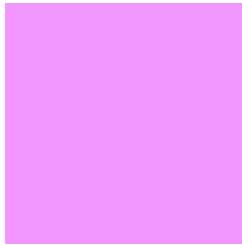


4194313



# Previews

## White Background



This preview shows how the Decimal color 15833087 looks on a white background.

## Color Contrast Check

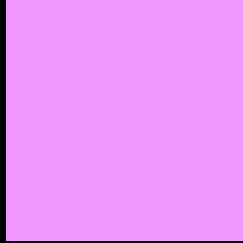
Large Text (above 18pt) WCAG AA × Fail

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 15833087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

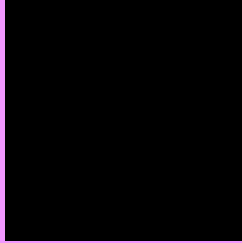
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15833087 Background



This preview shows how black text looks on a background with the Decimal color 15833087.




This preview shows how white text looks on a background with the Decimal color 15833087.

# 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**  
15181748

# Trichromacy



**Original Color**  
15833087



**Protanomaly**  
12561407



**Deuteranomaly**  
12692475



**Tritanomaly**  
15442383

# Monochromacy



**Original Color**  
15833087



**Achromatopsia**  
12500670



**Achromatomaly**  
13742294

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15833087 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 #F197FF looks like.

```
.text, #text, p{  
    color:#F197FF  
}
```

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 #F197FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F197FF
}
```

## Border

The CSS property to change the border of an element to Decimal 15833087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

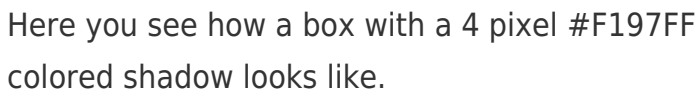
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F197FF }
```

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

```
.border{ border-color:#F197FF }
```

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



Here you see how a box with a 4 pixel #F197FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F197FF; -webkit-box-shadow:4px 4px  
4px 4px #F197FF; box-shadow:4px 4px 4px  
4px #F197FF }
```

# Background

The CSS property to change the background color of an element to Decimal 15833087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F197FF }
```

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

```
.background{ background-color:#F197FF }
```

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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