

# Converting Colors

Decimal(15119871)

Have a look what the booklet for  
Decimal(15119871) contains.

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# **Color**

**Decimal(15119871)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E6B5FF                     |
| RGB         | 230, 181, 255              |
| RGB Percent | 90%, 71%, 100%             |
| CMY         | 0.0980, 0.2902, 0.0000     |
| CMYK        | 0.10, 0.29, 0.00, 0.00     |
| HSL         | 280°, 100%, 85%            |
| HSV         | 280°, 29%, 100%            |
| XYZ         | 67.2070, 57.0907, 102.0852 |
| YIQ         | 204.0870, 5.4500, 33.4020  |

# Conversions

## Conversions Part 2

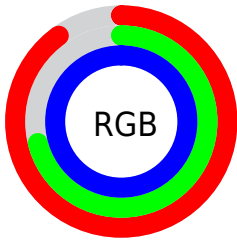
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 230, 181, 255                 |
| Decimal                             | 15119871                      |
| CIE <sub>Lab</sub>                  | 80.23, 30.66, -29.83          |
| CIE <sub>LCh</sub>                  | 80, 42.779, 315.782           |
| Yxy                                 | 57.0907, 0.2969,<br>0.2522    |
| Android<br>(android.graphics.Color) | 4293309951<br>(0xFFE6B5FF)    |
| YUV                                 | 204.0870, 25.1001,<br>22.7257 |
| Hunter-Lab                          | 75.5584, 26.5433,<br>-27.2144 |

# Details

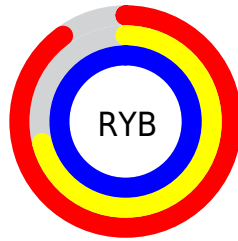
The Decimal color **15119871** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **13565877**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16772607**, and **11436230** is the 20% darker color. If you saturate the color by 10%, you get **14523647**, and if you desaturate by 10%, it is **15716351**.

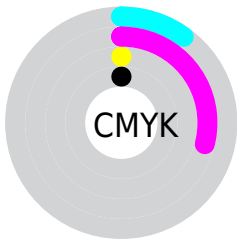
# Distribution



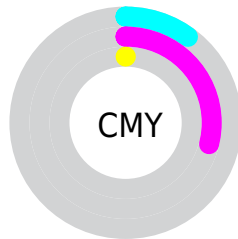
- Red (90%)
- Green (71%)
- Blue (100%)



- Red (90%)
- Yellow (71%)
- Blue (100%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (29%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 15119871 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 15119871 by changing the saturation by 10% instead.



 15119871

 15119871

16777215

 13277922

 16772607

 11436230

 9660075

 7884432

 6174326

 4595549

 2950981

 1835055

 281

■ 15119871

■ 15119871

■ 14523647

■ 15716351

■ 13992703

■ 16247039

■ 13396479

16777215

■ 12865535

■ 12269311

■ 11672831

■ 11142143

■ 11075839

# Harmonies

## Analogous

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



11519231



15119871



16755420

# Triad

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



15119871



15908474



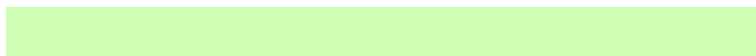
3071195

# Complementary

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



15119871



13565877

# 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.



7134130



15119871



13421433

# Square

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



15119871



16757135



10474894



1956351

# Rectangle

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



15119871



16754881



10474894



4512974



# Sweetspot

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



15119871



16247039



11915263



8089984



0



8421504



# Same Dimension

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



15119871



14788351



16758260



8090496



8323263



2752576



# Inverse Universe

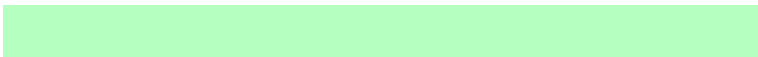
The Inverse Universe completely reimagines the original color for something new.



16758222



16754372



11927488



8418167



12517441



4194326



# Previews

## White Background



This preview shows how the Decimal color 15119871 looks on a white background.

## Color Contrast Check

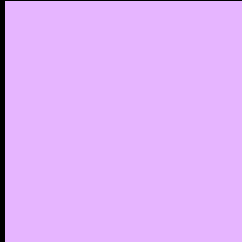
Large Text (above 18pt) WCAG AA × Fail

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 15119871 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 15119871 Background



This preview shows how black text looks on a background with the Decimal color 15119871.

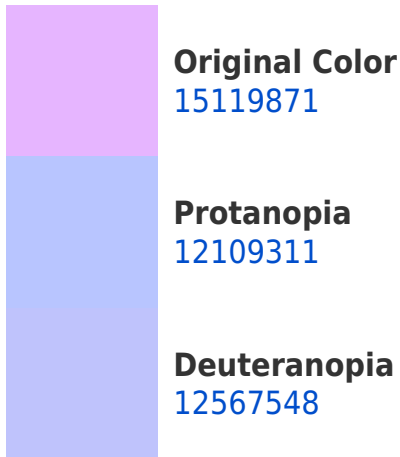



This preview shows how white text looks on a background with the Decimal color 15119871.

# 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**  
14598093

# Trichromacy



**Original Color**  
15119871



**Protanomaly**  
13221887



**Deuteranomaly**  
13483773

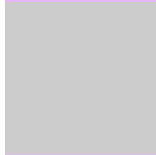


**Tritanomaly**  
14793695

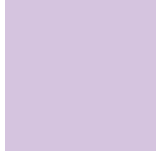
# Monochromacy



**Original Color**  
15119871



**Achromatopsia**  
13421772



**Achromatomaly**  
14009567

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15119871 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 #E6B5FF looks like.

```
.text, #text, p{  
    color:#E6B5FF  
}
```

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 #E6B5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6B5FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 15119871 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 #E6B5FF }  
}
```

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

```
.border{ border-color:#E6B5FF }
```

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

Here you see how a box with a 4 pixel #E6B5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6B5FF; -webkit-box-shadow:4px 4px  
4px 4px #E6B5FF; box-shadow:4px 4px 4px  
4px #E6B5FF }
```

# Background

The CSS property to change the background color of an element to Decimal 15119871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6B5FF }
```

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

```
.background{ background-color:#E6B5FF }
```

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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