

# Converting Colors

Decimal(15249151)

Have a look what the booklet for  
Decimal(15249151) contains.

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# **Color**

**Decimal(15249151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8AEFF
RGB	232, 174, 255
RGB Percent	91%, 68%, 100%
CMY	0.0902, 0.3176, 0.0000
CMYK	0.09, 0.32, 0.00, 0.00
HSL	283°, 100%, 84%
HSV	283°, 32%, 100%
XYZ	66.4648, 54.6479, 101.6528
YIQ	200.5760, 8.5670, 37.4870

# Conversions

## Conversions Part 2

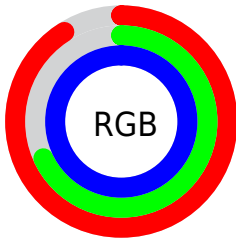
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 174, 255
Decimal	15249151
CIE <sub>Lab</sub>	78.84, 35.02, -31.96
CIE <sub>LCh</sub>	79, 47.407, 317.615
Yxy	54.6479, 0.2984, 0.2453
Android (android.graphics.Color)	4293439231 (0xFFE8AEFF)
YUV	200.5760, 26.8310, 27.5588
Hunter-Lab	73.9242, 31.1207, -29.7824

# Details

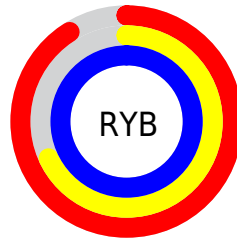
The Decimal color **15249151** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12976046**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16770815**, and **11499974** is the 20% darker color. If you saturate the color by 10%, you get **14783743**, and if you desaturate by 10%, it is **15714559**.

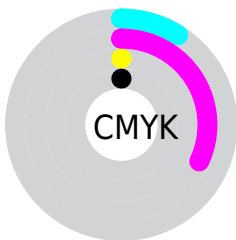
# Distribution



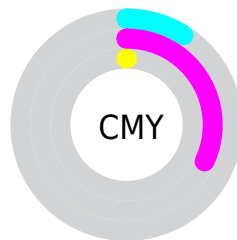
- Red (91%)
- Green (68%)
- Blue (100%)



- Red (91%)
- Yellow (68%)
- Blue (100%)



- Cyan (9%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (32%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15249151 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 15249151 by changing the saturation by 10% instead.



 15249151

 15249151

16777215

 13341666

 16770815

 11499974

 9723819

 7948176

 6303606

 4593501

 3014725

 1769518

 280

 15249151

 15249151

 14783743

 15714559

 14318591

 16179711

 13787903

 16710655

 13322495

16777215

 12857343

 12391935

 11993343

# Harmonies

## Analogous

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



11255807



15249151



16753367

# Triad

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



15249151



15710828



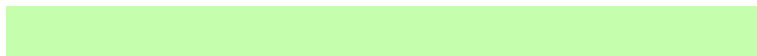
56028

# Complementary

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



15249151



12976046

# 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.



5560751



15249151



12962157

# Square

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



15249151



16755588



9687942



55039

# Rectangle

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



15249151



16752825



9687942



56013



# Sweetspot

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



15249151



16312063



11454207



8089728



0



8421504



# Same Dimension

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



15249151



14917375



16756463



8156032



8978623



3014720



# Inverse Universe

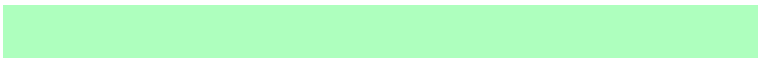
The Inverse Universe completely reimagines the original color for something new.



16756421



16752314



11468734



8418166



12517430

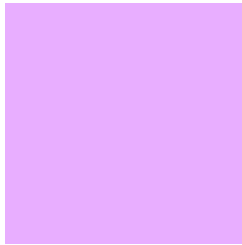


4194322



# Previews

## White Background



This preview shows how the Decimal color 15249151 looks on a white background.

## Color Contrast Check

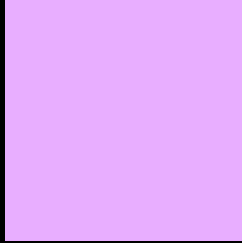
Large Text (above 18pt) WCAG AA × Fail

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 15249151 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 15249151 Background



This preview shows how black text looks on a background with the Decimal color 15249151.

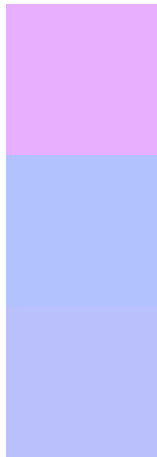


This preview shows how white text looks on a background with the Decimal color 15249151.

# 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



**Original Color**  
15249151

**Protanopia**  
11715071

**Deuteranopia**  
12173564



**Tritanopia**  
14727623

# Trichromacy



**Original Color**  
15249151



**Protanomaly**  
13023999



**Deuteranomaly**  
13285885



**Tritanomaly**  
14923227

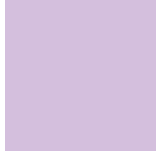
# Monochromacy



**Original Color**  
15249151



**Achromatopsia**  
13224393



**Achromatomaly**  
13942749

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15249151 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 #E8AEFF looks like.

```
.text, #text, p{  
  color:#E8AEFF  
}
```

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 #E8AEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8AEFF  
}
```

## Border

The CSS property to change the border of an element to Decimal 15249151 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  
#E8AEFF }
```

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

```
.border{ border-color:#E8AEFF }
```

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

Here you see how a box with a 4 pixel #E8AEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8AEFF; -webkit-box-shadow:4px 4px  
4px 4px #E8AEFF; box-shadow:4px 4px 4px  
4px #E8AEFF }
```

# Background

The CSS property to change the background color of an element to Decimal 15249151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8AEFF }
```

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

```
.background{ background-color:#E8AEFF }
```

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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