

# Converting Colors

Decimal(15649530)

Have a look what the booklet for  
Decimal(15649530) contains.

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# **Color**

**Decimal(15649530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EECAFA
RGB	238, 202, 250
RGB Percent	93%, 79%, 98%
CMY	0.0667, 0.2078, 0.0196
CMYK	0.05, 0.19, 0.00, 0.02
HSL	285°, 83%, 89%
HSV	285°, 19%, 98%
XYZ	73.6357, 67.3203, 99.5556
YIQ	218.2360, 6.0480, 22.5600

# Conversions

## Conversions Part 2

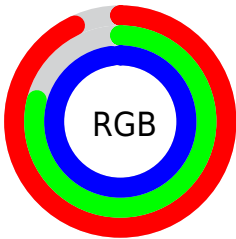
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 202, 250
Decimal	15649530
CIE Lab	85.67, 21.01, -18.83
CIE LCh	86, 28.212, 318.123
Yxy	67.3203, 0.3062, 0.2799
Android (android.graphics.Color)	4293839610 (0xFFEECAFA)
YUV	218.2360, 15.6597, 17.3330
Hunter-Lab	82.0490, 16.6111, -14.5063

# Details

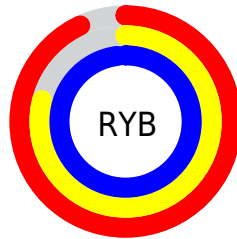
The Decimal color **15649530** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **14088906**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777215**, and **11965633** is the 20% darker color. If you saturate the color by 10%, you get **15249914**, and if you desaturate by 10%, it is **16049146**.

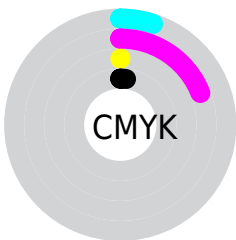
# Distribution



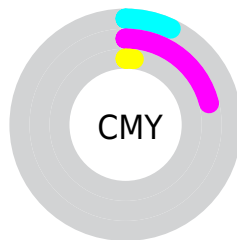
- Red (93%)
- Green (79%)
- Blue (98%)



- Red (93%)
- Yellow (79%)
- Blue (98%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (21%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15649530 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 15649530 by changing the saturation by 10% instead.



15649530

15649530

16777215

13807581

11965633

10189478

8413580

6769010

5124698

3611714

2164268

23

15649530

15649530

15249914

16049146

14850298

16514298

14385146

16777210

13985530

13585914

13186298

12721146

12321530

12255482

# Harmonies

## Analogous

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



13423615



15649530



16762082

# Triad

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



15649530



16044450



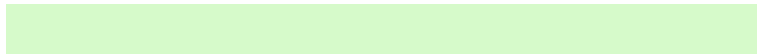
9168358

# Complementary

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



15649530



14088906

# 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.



10413514



15649530



14277283

# Square

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



15649530



16763055



12313010



9364221

# Rectangle

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



15649530



16761808



12313010



9430493



# Sweetspot

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



15649530



16511231



13293306



8222592



0



8421504



# Same Dimension

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



15649530



15779071



16435950



8024189



9306301



3014717



# Inverse Universe

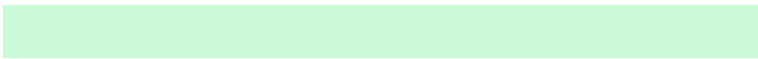
The Inverse Universe completely reimagines the original color for something new.



16435926



16762067



13302486



8220788



12386351

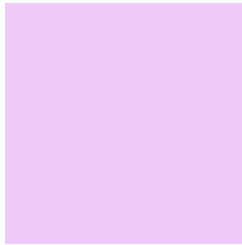


3997711



# Previews

## White Background



This preview shows how the Decimal color 15649530 looks on a white background.

## Color Contrast Check

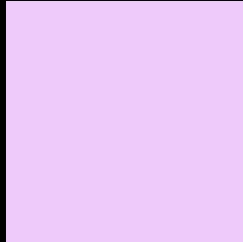
Large Text (above 18pt) WCAG AA × Fail

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 15649530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

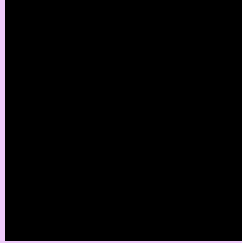
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15649530 Background



This preview shows how black text looks on a background with the Decimal color 15649530.

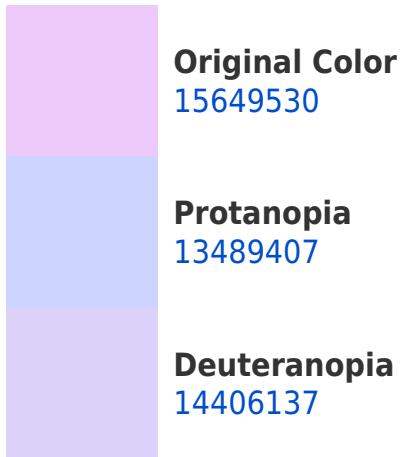



This preview shows how white text looks on a background with the Decimal color 15649530.

# 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**  
15388639

# Trichromacy



**Original Color**  
15649530



**Protanomaly**  
14274813



**Deuteranomaly**  
14864121

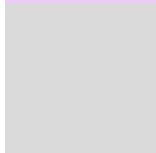


**Tritanomaly**  
15453673

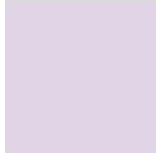
# Monochromacy



**Original Color**  
15649530



**Achromatopsia**  
14342874



**Achromatomaly**  
14800102

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15649530 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 #EECAFA looks like.

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

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 #EECAFA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 15649530 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
#EECAFA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 15649530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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