

# Converting Colors

Decimal(15442670)

Have a look what the booklet for  
Decimal(15442670) contains.

<b>Decimal(15442670)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15442670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBA2EE
RGB	235, 162, 238
RGB Percent	92%, 64%, 93%
CMY	0.0784, 0.3647, 0.0667
CMYK	0.01, 0.32, 0.00, 0.07
HSL	298°, 69%, 78%
HSV	298°, 32%, 93%
XYZ	62.6139, 49.6759, 87.1772
YIQ	192.4910, 19.1120, 39.1120

# Conversions

## Conversions Part 2

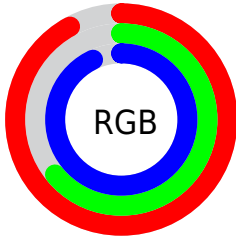
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	235, 162, 238
Decimal	15442670
CIE <sub>Lab</sub>	75.87, 39.07, -27.32
CIE <sub>LCh</sub>	76, 47.671, 325.037
Yxy	49.6759, 0.3139, 0.2490
Android (android.graphics.Color)	4293632750 (0xFFEBA2EE)
YUV	192.4910, 22.4359, 37.2804
Hunter-Lab	70.4811, 35.2336, -23.9983

# Details

The Decimal color **15442670** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10874530**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16767743**, and **11693494** is the 20% darker color. If you saturate the color by 10%, you get **15370990**, and if you desaturate by 10%, it is **15514350**.

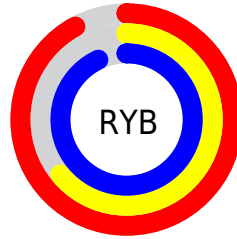
# Distribution



Red (92%)

Green (64%)

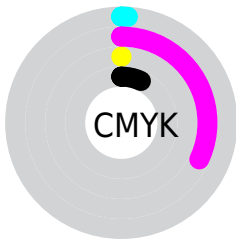
Blue (93%)



Red (92%)

Yellow (64%)

Blue (93%)

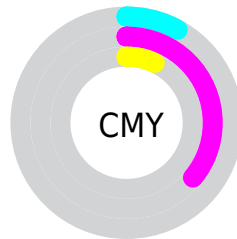


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (36%)














Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15442670 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 15442670 by changing the saturation by 10% instead.



 15442670	 15442670
16777215	 13535186
 16767743	 11693494
 16775167	 9917595
	 8141697
	 6431335
	 4719951
	 3145784
	 1572898
	 7

 15442670

 15442670

 15370990


 15514350

 15299310

 15586030

 15227886

 15657454

 15156206

 15728622

 15084526

 15794158

 15012846

 15859694

 15007982

 15925230

 15990766

# Harmonies

## Analogous

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



11842303



15442670



16750788

# Triad

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



15442670



14530146



53727

# Complementary

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



15442670



10874530

# 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.



3264946



15442670



11650153

# Square

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



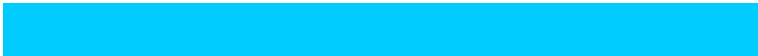
15442670



16688756



8244615



52479

# Rectangle

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



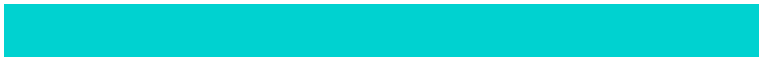
15442670



16750758



8244615



53968



# Sweetspot

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



15442670



16705279



10659566



8351872



0



8421504



# Same Dimension

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



15442670



16490239



15639244



7826552



11534520



3539000



# Inverse Universe

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



15639205



16752290



10677956



7892076



12058631



3670018



# Previews

## White Background



This preview shows how the Decimal color 15442670 looks on a white background.

## Color Contrast Check

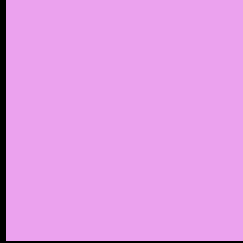
Large Text (above 18pt) WCAG AA × Fail

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 15442670 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

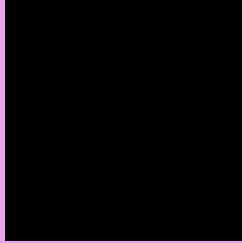
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15442670 Background



This preview shows how black text looks on a background with the Decimal color 15442670.

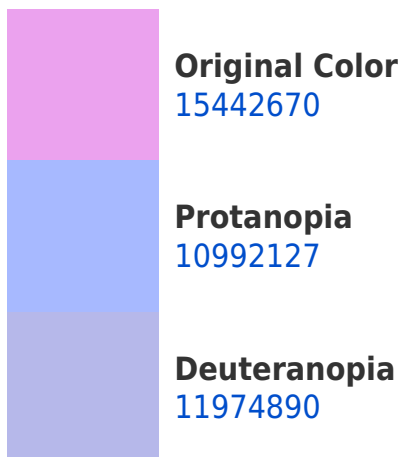


This preview shows how white text looks on a background with the Decimal color 15442670.

# 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**  
14986426

# Trichromacy



**Original Color**  
15442670



**Protanomaly**  
12628473



**Deuteranomaly**  
13218027

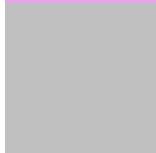


**Tritanomaly**  
15182029

# Monochromacy



**Original Color**  
15442670



**Achromatopsia**  
12632256



**Achromatomaly**  
13678033

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15442670 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 #EBA2EE looks like.

```
.text, #text, p{  
    color:#EBA2EE  
}
```

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 #EBA2EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBA2EE }  
}
```

## Border

The CSS property to change the border of an element to Decimal 15442670 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 #EBA2EE }  
}
```

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

```
.border{ border-color:#EBA2EE }
```

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

Here you see how a box with a 4 pixel #EBA2EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBA2EE; -webkit-box-shadow:4px 4px  
4px 4px #EBA2EE; box-shadow:4px 4px 4px  
4px #EBA2EE }
```

# Background

The CSS property to change the background color of an element to Decimal 15442670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBA2EE }
```

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

```
.background{ background-color:#EBA2EE }
```

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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