

# Converting Colors

Decimal(15633878)

Have a look what the booklet for  
Decimal(15633878) contains.

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# **Color**

**Decimal(15633878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE8DD6
RGB	238, 141, 214
RGB Percent	93%, 55%, 84%
CMY	0.0667, 0.4471, 0.1608
CMYK	0.00, 0.41, 0.10, 0.07
HSL	315°, 74%, 74%
HSV	315°, 41%, 93%
XYZ	56.9224, 42.0819, 68.7408
YIQ	178.3250, 34.3790, 43.2670

# Conversions

## Conversions Part 2

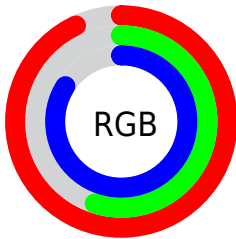
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">238, 141, 214</a>
Decimal	<a href="#">15633878</a>
CIELab	<a href="#">70.93, 46.77, -21.70</a>
CIELCh	<a href="#">71, 51.557, 335.111</a>
Yxy	<a href="#">42.0819, 0.3393, 0.2509</a>
Android (android.graphics.Color)	<a href="#">4293823958 (0xFFEE8DD6)</a>
YUV	<a href="#">178.3250, 17.5878, 52.3350</a>
Hunter-Lab	<a href="#">64.8706, 43.1059, -17.4179</a>

# Details

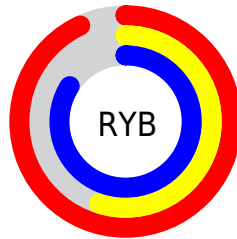
The Decimal color **15633878** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9301669**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16762111**, and **11819167** is the 20% darker color. If you saturate the color by 10%, you get **15627728**, and if you desaturate by 10%, it is **15640028**.

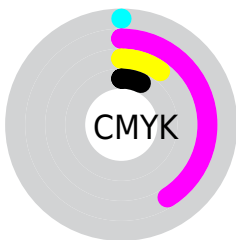
# Distribution



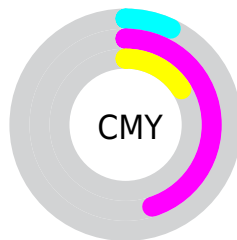
- Red (93%)
- Green (55%)
- Blue (84%)



- Red (93%)
- Yellow (55%)
- Blue (84%)



- Cyan (0%)
- Magenta (41%)
- Yellow (10%)
- Black (7%)
















- Cyan (7%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15633878 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 15633878 by changing the saturation by 10% instead.



 15633878	 15633878
16777215	 13726394
 16762111	 11819167
 16769535	 9977477
16776959	 8201067
	 6422611
	 4718652
	 3276838
	 851982
	 0

15633878

15633878

15627728

15640028

15621578

15646178

15615684

15652072

15609534

15658222

15603385

15663091

15597747

15663097

15663103

# Harmonies

## Analogous

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



12361467



15633878



16746151

# Triad

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



15633878



12758604



50402

# Complementary

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



15633878



9301669

# 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.



50612



15633878



9484894

# Square

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



15633878



15310168



5227140



48639

# Rectangle

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



15633878



16746888



5227140



50644



# Sweetspot

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



15633878



16769271



10784238



8416891



0



8421504



# Same Dimension

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



15633878



16745184



15633831



7892085



12058762



3670058



# Inverse Universe

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



15633878



16745184



9301716



7892085



12058762

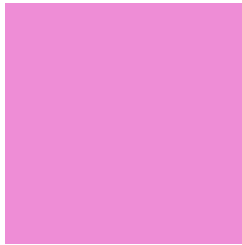


3670058



# Previews

## White Background



This preview shows how the Decimal color 15633878 looks on a white background.

## Color Contrast Check

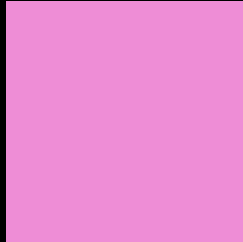
Large Text (above 18pt) WCAG AA × Fail

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 15633878 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 15633878 Background



This preview shows how black text looks on a background with the Decimal color 15633878.

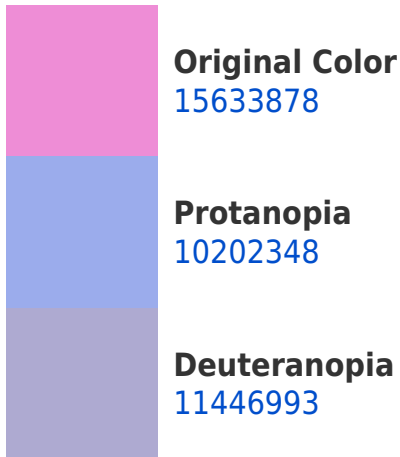


This preview shows how white text looks on a background with the Decimal color 15633878.

# 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**  
15243171

# Trichromacy



**Original Color**  
15633878



**Protanomaly**  
12165604



**Deuteranomaly**  
12951507



**Tritanomaly**  
15373238

# Monochromacy



**Original Color**  
15633878



**Achromatopsia**  
11711154



**Achromatomaly**  
13149631

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15633878 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 #EE8DD6 looks like.

```
.text, #text, p{  
    color:#EE8DD6  
}
```

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 #EE8DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE8DD6
}
```

## Border

The CSS property to change the border of an element to Decimal 15633878 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
#EE8DD6 }
```

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

```
.border{ border-color:#EE8DD6 }
```

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

Here you see how a box with a 4 pixel #EE8DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE8DD6; -webkit-box-shadow:4px 4px  
4px 4px #EE8DD6; box-shadow:4px 4px 4px  
4px #EE8DD6 }
```

# Background

The CSS property to change the background color of an element to Decimal 15633878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE8DD6 }
```

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

```
.background{ background-color:#EE8DD6 }
```

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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