

# Converting Colors

Decimal(15554731)

Have a look what the booklet for  
Decimal(15554731) contains.

<b>Decimal(15554731)</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(15554731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED58AB
RGB	237, 88, 171
RGB Percent	93%, 35%, 67%
CMY	0.0706, 0.6549, 0.3294
CMYK	0.00, 0.63, 0.28, 0.07
HSL	327°, 81%, 64%
HSV	327°, 63%, 93%
XYZ	45.7655, 27.9242, 41.5059
YIQ	142.0130, 62.1610, 57.4010

# Conversions

## Conversions Part 2

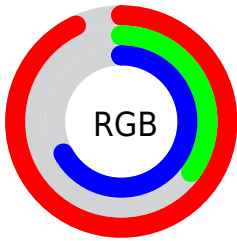
Format	Color
<a href="#">RYB</a>	<a href="#">237, 88, 171</a>
Decimal	<a href="#">15554731</a>
CIELab	<a href="#">59.82, 65.08, -14.29</a>
CIElCh	<a href="#">60, 66.634, 347.616</a>
Yxy	<a href="#">27.9242, 0.3973, 0.2424</a>
Android (android.graphics.Color)	<a href="#">4293744811 (0xFFED58AB)</a>
YUV	<a href="#">142.0130, 14.2906, 83.3036</a>
Hunter-Lab	<a href="#">52.8434, 62.1155, -9.5790</a>

# Details

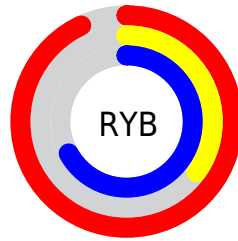
The Decimal color **15554731** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5827994**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16749026**, and **11604599** is the 20% darker color. If you saturate the color by 10%, you get **15548577**, and if you desaturate by 10%, it is **15560885**.

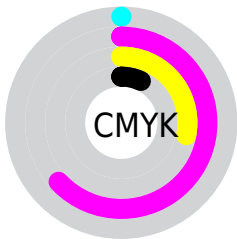
# Distribution



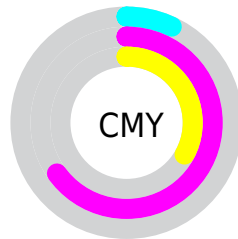
- Red (93%)
- Green (35%)
- Blue (67%)



- Red (93%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (63%)
- Yellow (28%)
- Black (7%)



- Cyan (7%)
- Magenta (65%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15554731 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 15554731 by changing the saturation by 10% instead.



 15554731

 15554731

16777215

 13580944

 16749026

 11604599

 16756479

 9699422

 16763903

 7798854

 16771583

 5963824

 4259868

 2293761

 0

 15554731

 15554731

 15548577

 15560885

 15542678

 15566784

 15536524

 15572938

 15532164

 15579093

 15584991

 15591146

 15597300

 15597567

# Harmonies

## Analogous

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



12480736



15554731



16340592

# Triad

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



15554731



9213952



43238

# Complementary

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



15554731



5827994

# 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.



43954



15554731



4367418

# Square

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



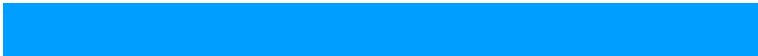
15554731



12616962



43637



40703

# Rectangle

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



15554731



15754059



43637



43735



# Sweetspot

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



15554731



16764906



10049773



8413811



0



8421504



# Same Dimension

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



15554731



16728234



15554658



7694960



11862117



3538974



# Inverse Universe

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



15554731



16728234



5828067



7694960



11862117



3538974



# Previews

## White Background



This preview shows how the Decimal color 15554731 looks on a white background.

## Color Contrast Check

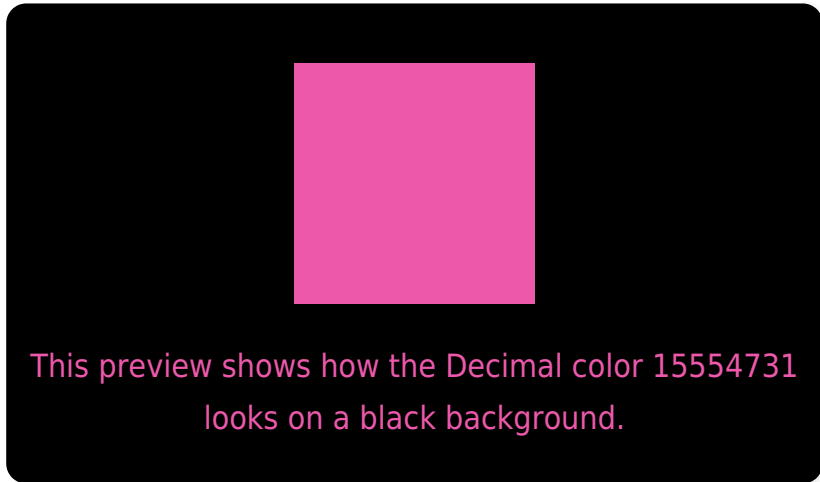
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



## Decimal 15554731 Background



This preview shows how black text looks on a background with the Decimal color 15554731.




This preview shows how white text looks on a background with the Decimal color 15554731.

# 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**  
15230830

# Trichromacy



**Original Color**  
15554731



**Protanomaly**  
10779332



**Deuteranomaly**  
11958950



**Tritanomaly**  
15360644

# Monochromacy



**Original Color**  
15554731



**Achromatopsia**  
9342606



**Achromatomaly**  
11631257

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15554731 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 #ED58AB looks like.

```
.text, #text, p{  
    color:#ED58AB  
}
```

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 #ED58AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED58AB
}
```

## Border

The CSS property to change the border of an element to Decimal 15554731 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
#ED58AB }
```

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

```
.border{ border-color:#ED58AB }
```

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

Here you see how a box with a 4 pixel #ED58AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED58AB; -webkit-box-shadow:4px 4px  
4px 4px #ED58AB; box-shadow:4px 4px 4px  
4px #ED58AB }
```

# Background

The CSS property to change the background color of an element to Decimal 15554731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED58AB }
```

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

```
.background{ background-color:#ED58AB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor