

# Converting Colors

Decimal(15538330)

Have a look what the booklet for  
Decimal(15538330) contains.

<b>Decimal(15538330)</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(15538330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED189A
RGB	237, 24, 154
RGB Percent	93%, 9%, 60%
CMY	0.0706, 0.9059, 0.3961
CMYK	0.00, 0.90, 0.35, 0.07
HSL	323°, 86%, 51%
HSV	323°, 90%, 93%
XYZ	41.0844, 20.9909, 32.4581
YIQ	102.5070, 85.2180, 85.5860

# Conversions

## Conversions Part 2

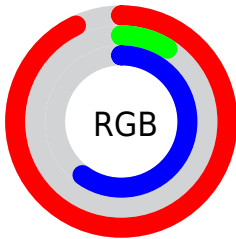
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 24, 154
Decimal	15538330
CIE <sub>Lab</sub>	52.94, 80.90, -14.74
CIE <sub>LCh</sub>	53, 82.229, 349.672
Yxy	20.9909, 0.4346, 0.2220
Android (android.graphics.Color)	4293728410 (0xFFED189A)
YUV	102.5070, 25.3860, 117.9504
Hunter-Lab	45.8158, 79.8887, -9.9328

# Details

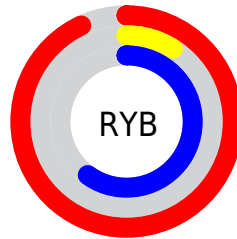
The Decimal color **15538330** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **1633643**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **16738256**, and **11468903** is the 20% darker color. If you saturate the color by 10%, you get **15532177**, and if you desaturate by 10%, it is **15544483**.

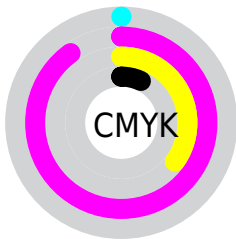
# Distribution



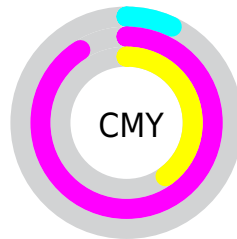
- Red (93%)
- Green (9%)
- Blue (60%)



- Red (93%)
- Yellow (9%)
- Blue (60%)



- Cyan (0%)
- Magenta (90%)
- Yellow (35%)
- Black (7%)



- Cyan (7%)
- Magenta (91%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15538330 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 15538330 by changing the saturation by 10% instead.



 15538330

 15538330

16777215

 13500544

 16738256

 11468903

 16746221

 9502799

 16753919


 7536696

 16761599

 5636131

 16769535

 3735561

 1114112

 0

 15538330

 15538330

■ 15532177

■ 15544483

■ 15550380

■ 15556534

■ 15562687

■ 15568584

■ 15574737

■ 15580891

■ 15587044

■ 15592941

# Harmonies

## Analogous

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



12079323



15538330



16128852

# Triad

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



15538330



7244032



39402

# Complementary

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



15538330



1633643

# 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.



40108



15538330



38155

# Square

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



15538330



11432704



39779



36863

# Rectangle

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



15538330



15286054



39779



39896



# Sweetspot

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



15538330



16759524



6953197



8410992



0



8421504



# Same Dimension

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



15538330



16711836



15538225



7694961



11862126



3538977



# Inverse Universe

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



15538330



16711836



1633748



7694961



11862126



3538977



# Previews

## White Background



This preview shows how the Decimal color 15538330 looks on a white background.

## Color Contrast Check

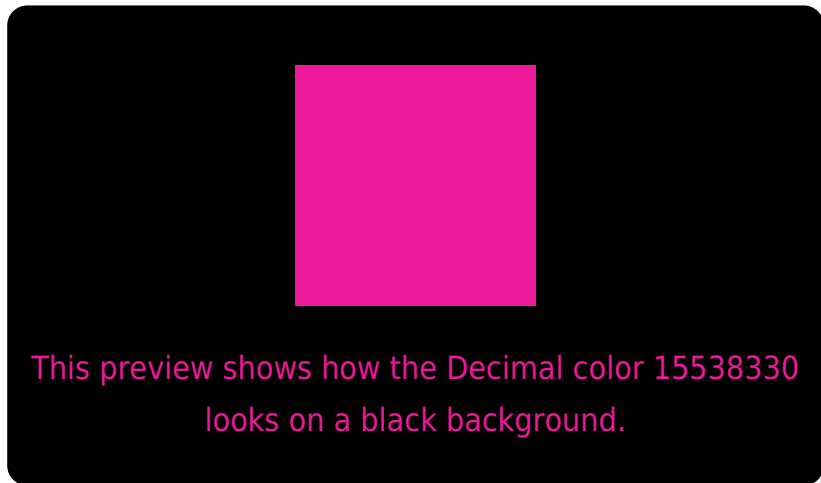
Large Text (above 18pt) WCAG AA ✓ Pass

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 15538330 Background



This preview shows how black text looks on a background with the Decimal color 15538330.



This preview shows how white text looks on a background with the Decimal color 15538330.

# 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





# Trichromacy



**Original Color**  
15538330



**Protanomaly**  
9328834



**Deuteranomaly**  
11163796



**Tritanomaly**  
15282530

# Monochromacy



**Original Color**  
15538330



**Achromatopsia**  
6776679



**Achromatomaly**  
9980538

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15538330 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 #ED189A looks like.

```
.text, #text, p{  
  color:#ED189A  
}
```

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 #ED189A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED189A
}
```

## Border

The CSS property to change the border of an element to Decimal 15538330 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
#ED189A }
```

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

```
.border{ border-color:#ED189A }
```

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

Here you see how a box with a 4 pixel #ED189A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED189A; -webkit-box-shadow:4px 4px  
4px 4px #ED189A; box-shadow:4px 4px 4px  
4px #ED189A }
```

# Background

The CSS property to change the background color of an element to Decimal 15538330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED189A }
```

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

```
.background{ background-color:#ED189A }
```

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