

# Converting Colors

Decimal(15545343)

Have a look what the booklet for  
Decimal(15545343) contains.

<b>Decimal(15545343)</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(15545343)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED33FF
RGB	237, 51, 255
RGB Percent	93%, 20%, 100%
CMY	0.0706, 0.8000, 0.0000
CMYK	0.07, 0.80, 0.00, 0.00
HSL	295°, 100%, 60%
HSV	295°, 80%, 100%
XYZ	54.1589, 27.5922, 97.0791
YIQ	129.8700, 45.3720, 102.8760

# Conversions

## Conversions Part 2

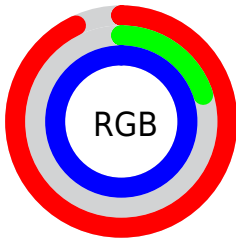
Format	Color
R <sub>Y</sub> B	237, 51, 255
Decimal	15545343
CIE Lab	59.52, 89.01, -62.29
CIE LCh	60, 108.642, 325.015
Yxy	27.5922, 0.3029, 0.1543
Android (android.graphics.Color)	4293735423 (0xFFED33FF)
YUV	129.8700, 61.6891, 93.9530
Hunter-Lab	52.5283, 92.1167, -72.8059

# Details

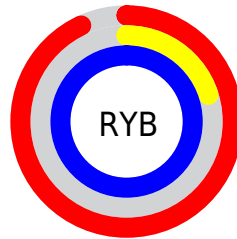
The Decimal color **15545343** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **4587315**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16742655**, and **11534533** is the 20% darker color. If you saturate the color by 10%, you get **15407615**, and if you desaturate by 10%, it is **15683071**.

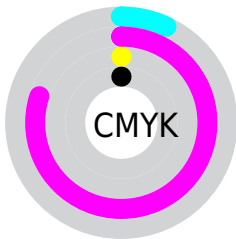
# Distribution



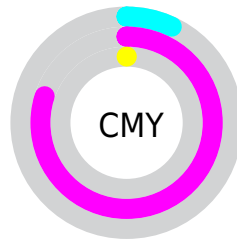
- Red (93%)
- Green (20%)
- Blue (100%)



- Red (93%)
- Yellow (20%)
- Blue (100%)



- Cyan (7%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15545343 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 15545343 by changing the saturation by 10% instead.



 15545343

 15545343

16777215

 13500642

 16742655

 11534533

 16750591

 9568425

 16758271

 7667854

 16766207

 5701748

 16773887

 3932250

 1704002

 554

 276

■ 15545343

■ 15545343

■ 15407615

■ 15683071

■ 15270143

■ 15886079

■ 16023807

■ 16161279

■ 16299007

■ 16502015

■ 16639743

16777215

# Harmonies

## Analogous

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



3047167



15545343



16711844

# Triad

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



15545343



12355328



46559

# Complementary

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



15545343



4587315

# 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.



45948



15545343



6201600

# Square

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



15545343



16733184



44544



45823

# Rectangle

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



15545343



16711781



44544



46527



# Sweetspot

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



15545343



16433919



3360767



8149888



0



8421504



# Same Dimension

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



15545343



15272703



16724909



8287104



11403455



3801152



# Inverse Universe

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



16724805



16714272



3407749



8418164



12517393



4194310



# Previews

## White Background



This preview shows how the Decimal color 15545343 looks on a white background.

## Color Contrast Check

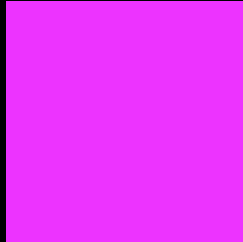
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 15545343 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

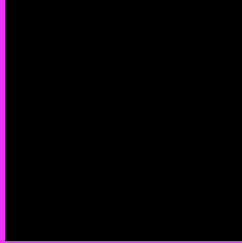
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 15545343 Background



This preview shows how black text looks on a background with the Decimal color 15545343.




This preview shows how white text looks on a background with the Decimal color 15545343.

# 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**  
14445684

# Trichromacy



**Original Color**  
15545343



**Protanomaly**  
9334015



**Deuteranomaly**  
8810486



**Tritanomaly**  
14833575

# Monochromacy



**Original Color**  
15545343



**Achromatopsia**  
8553090



**Achromatomaly**  
11101615

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15545343 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 #ED33FF looks like.

```
.text, #text, p{  
    color:#ED33FF  
}
```

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 #ED33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED33FF
}
```

## Border

The CSS property to change the border of an element to Decimal 15545343 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
#ED33FF }
```

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

```
.border{ border-color:#ED33FF }
```

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

Here you see how a box with a 4 pixel #ED33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED33FF; -webkit-box-shadow:4px 4px  
4px 4px #ED33FF; box-shadow:4px 4px 4px  
4px #ED33FF }
```

# Background

The CSS property to change the background color of an element to Decimal 15545343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED33FF }
```

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

```
.background{ background-color:#ED33FF }
```

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