

# Converting Colors

Decimal(15154574)

Have a look what the booklet for  
Decimal(15154574) contains.

<b>Decimal(15154574)</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(15154574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E73D8E
RGB	231, 61, 142
RGB Percent	91%, 24%, 56%
CMY	0.0941, 0.7608, 0.4431
CMYK	0.00, 0.74, 0.39, 0.09
HSL	331°, 78%, 57%
HSV	331°, 74%, 91%
XYZ	39.5062, 22.2794, 27.8093
YIQ	121.0640, 75.3190, 61.2310

# Conversions

## Conversions Part 2

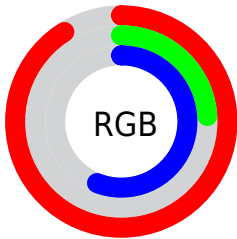
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 61, 142
Decimal	15154574
CIE <sub>Lab</sub>	54.32, 70.03, -5.65
CIE <sub>LCh</sub>	54, 70.261, 355.389
Yxy	22.2794, 0.4409, 0.2487
Android (android.graphics.Color)	4293344654 (0xFFE73D8E)
YUV	121.0640, 10.3214, 96.4139
Hunter-Lab	47.2011, 66.7986, -1.8910

# Details

The Decimal color **15154574** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **4056982**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16743108**, and **11141212** is the 20% darker color. If you saturate the color by 10%, you get **15148674**, and if you desaturate by 10%, it is **15160474**.

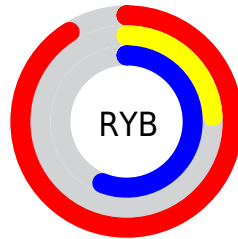
# Distribution



Red (91%)

Green (24%)

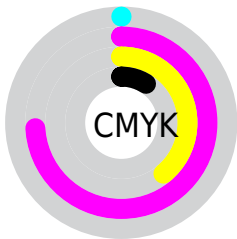
Blue (56%)



Red (91%)

Yellow (24%)

Blue (56%)

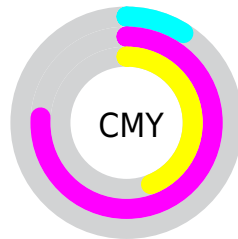


Cyan (0%)

Magenta (74%)

Yellow (39%)

Black (9%)



Cyan (9%)

Magenta (76%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 15154574 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 15154574 by changing the saturation by 10% instead.




 15154574

 15154574

16777215

 13112180

 16743108

 11141212

 16750559

 9175109

 16758268

 7274542

 16765695


 5373978


 16773375

 3538946

 393216

 0

 15154574

 15154574

■ 15148674

■ 15160474

■ 15142774

■ 15166374

■ 15138926

■ 15172274

■ 15178174

■ 15184330

■ 15190231

■ 15196131

■ 15202031

■ 15204347

# Harmonies

## Analogous

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



12670920



15154574



15353170

# Triad

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



15154574



7048704



39142

# Complementary

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



15154574



4056982

# 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.



40373



15154574



38967

# Square

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



15154574



10779648



40054



36092

# Rectangle

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



15154574



14374956



40054



39896



# Sweetspot

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



15154574



16762850



9780711



8412782



0



8421504



# Same Dimension

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



15154574



16719754



15155261



7563117



11731029



3342360



# Inverse Universe

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



15154574



16719754



4056295



7563117



11731029



3342360



# Previews

## White Background



This preview shows how the Decimal color 15154574 looks on a white background.

## Color Contrast Check

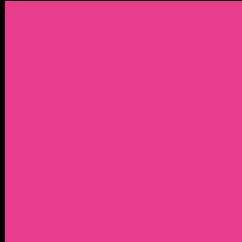
Large Text (above 18pt) WCAG AA ✓ Pass

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 15154574 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 15154574 Background



This preview shows how black text looks on a background with the Decimal color 15154574.



This preview shows how white text looks on a background with the Decimal color 15154574.

# 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](#).

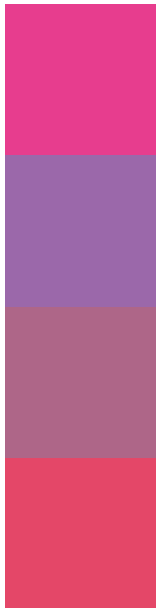
## Dichromacy





**Tritanopia**  
14896466

# Trichromacy



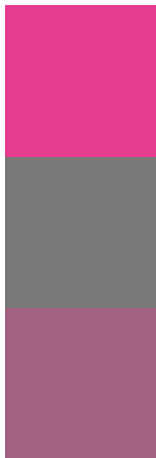
**Original Color**  
15154574

**Protanomaly**  
10184874

**Deuteranomaly**  
11429512

**Tritanomaly**  
14960488

# Monochromacy



**Original Color**  
15154574

**Achromatopsia**  
7960953

**Achromatomaly**  
10576769

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15154574 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 #E73D8E looks like.

```
.text, #text, p{  
    color:#E73D8E  
}
```

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 #E73D8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E73D8E
}
```

## Border

The CSS property to change the border of an element to Decimal 15154574 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
#E73D8E }
```

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

```
.border{ border-color:#E73D8E }
```

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

Here you see how a box with a 4 pixel #E73D8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E73D8E; -webkit-box-shadow:4px 4px  
4px 4px #E73D8E; box-shadow:4px 4px 4px  
4px #E73D8E }
```

# Background

The CSS property to change the background color of an element to Decimal 15154574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E73D8E }
```

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

```
.background{ background-color:#E73D8E }
```

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