

# Converting Colors

Decimal(15270037)

Have a look what the booklet for  
Decimal(15270037) contains.

<b>Decimal(15270037)</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(15270037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E90095
RGB	233, 0, 149
RGB Percent	91%, 0%, 58%
CMY	0.0863, 1.0000, 0.4157
CMYK	0.00, 1.00, 0.36, 0.09
HSL	322°, 100%, 46%
HSV	322°, 100%, 91%
XYZ	39.0291, 19.4936, 30.1393
YIQ	86.6530, 91.0390, 95.7350

# Conversions

## Conversions Part 2

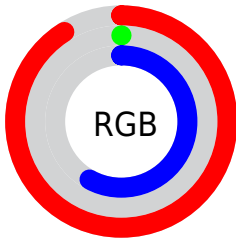
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 0, 149
Decimal	15270037
CIE <sub>Lab</sub>	51.26, 81.73, -14.38
CIE <sub>LCh</sub>	51, 82.980, 350.022
Yxy	19.4936, 0.4402, 0.2199
Android (android.graphics.Color)	4293460117 (0xFFE90095)
YUV	86.6530, 30.7371, 128.3463
Hunter-Lab	44.1515, 80.5254, -9.5673

# Details

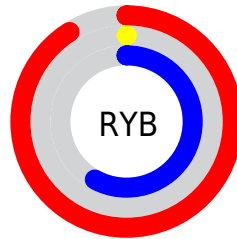
The Decimal color **15270037** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **59732**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16736459**, and **11206754** is the 20% darker color. If you saturate the color by 10%, you get **15270037**, and if you desaturate by 10%, it is **15275933**.

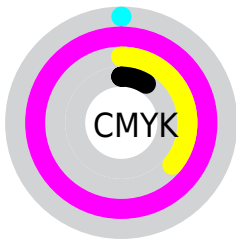
# Distribution



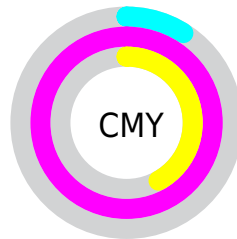
- Red (91%)
- Green (0%)
- Blue (58%)



- Red (91%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15270037 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 15270037 by changing the saturation by 10% instead.



 15270037

 15270037

16777215

 13238395

 16736459

 11206754

 16744423

 9240650

 16752383

 7274548

 16760063

 5439519

 16767743

 3473410

 16775679

 131072

 0

 15270037

 15275933

 15282086

 15287982

 15293879

 15300031

 15305927

 15311824

 15317720

 15323873

# Harmonies

## Analogous

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



11881175



15270037



15796559

# Triad

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



15270037



6849792



38375

# Complementary

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



15270037



59732

# 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.



39081



15270037



37122

# Square

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



15270037



11038464



38495



35583

# Rectangle

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



15270037



14891552



38495



38869



# Sweetspot

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



15270037



16757731



5374185



8409711



0



8421504



# Same Dimension

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



15270037



16711843



15269923



7694961



11862132



3538978



# Inverse Universe

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



15270037



16711843



59846



7694961



11862132



3538978



# Previews

## White Background



This preview shows how the Decimal color 15270037 looks on a white background.

## Color Contrast Check

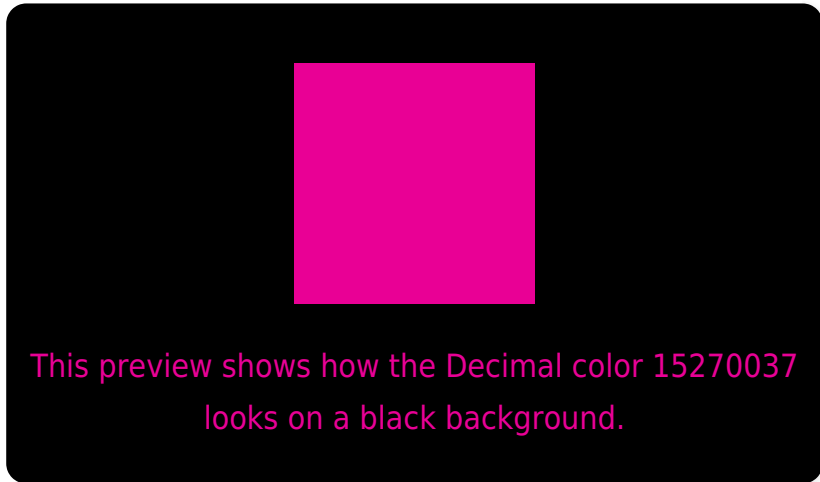
Large Text (above 18pt) WCAG AA ✓ Pass

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 15270037 Background



This preview shows how black text looks on a background with the Decimal color 15270037.




This preview shows how white text looks on a background with the Decimal color 15270037.

# 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**  
14957373

# Trichromacy



**Original Color**  
15270037



**Protanomaly**  
9063870



**Deuteranomaly**  
10964111



**Tritanomaly**  
15083101

# Monochromacy



**Original Color**  
15270037



**Achromatopsia**  
5723991



**Achromatomaly**  
9189230

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15270037 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 #E90095 looks like.

```
.text, #text, p{  
  color:#E90095  
}
```

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 #E90095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E90095
}
```

## Border

The CSS property to change the border of an element to Decimal 15270037 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
#E90095 }
```

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

```
.border{ border-color:#E90095 }
```

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

Here you see how a box with a 4 pixel #E90095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E90095; -webkit-box-shadow:4px 4px  
4px 4px #E90095; box-shadow:4px 4px 4px  
4px #E90095 }
```

# Background

The CSS property to change the background color of an element to Decimal 15270037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E90095 }
```

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

```
.background{ background-color:#E90095 }
```

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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