

# Converting Colors

Decimal(15240427)

Have a look what the booklet for  
Decimal(15240427) contains.

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# **Color**

**Decimal(15240427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E88CEB
RGB	232, 140, 235
RGB Percent	91%, 55%, 92%
CMY	0.0902, 0.4510, 0.0784
CMYK	0.01, 0.40, 0.00, 0.08
HSL	298°, 70%, 74%
HSV	298°, 40%, 92%
XYZ	57.6522, 41.9101, 83.6481
YIQ	178.3380, 24.3370, 49.0490

# Conversions

## Conversions Part 2

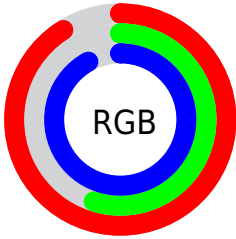
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 140, 235
Decimal	15240427
CIE <sub>Lab</sub>	70.81, 49.07, -33.50
CIE <sub>LCh</sub>	71, 59.418, 325.678
Yxy	41.9101, 0.3147, 0.2288
Android (android.graphics.Color)	4293430507 (0xFFE88CEB)
YUV	178.3380, 27.9344, 47.0616
Hunter-Lab	64.7380, 45.6709, -31.2921

# Details

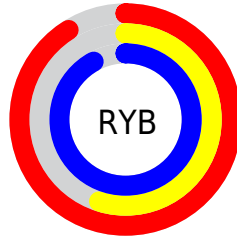
The Decimal color **15240427** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9431948**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16761855**, and **11491251** is the 20% darker color. If you saturate the color by 10%, you get **15169003**, and if you desaturate by 10%, it is **15312107**.

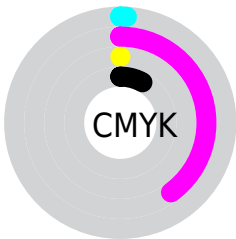
# Distribution



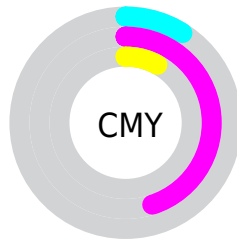
- Red (91%)
- Green (55%)
- Blue (92%)



- Red (91%)
- Yellow (55%)
- Blue (92%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (8%)


















- Cyan (9%)
- Magenta (45%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15240427 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 15240427 by changing the saturation by 10% instead.




 15240427	 15240427
 16777215	 13332943
 16761855	 11491251
 16769279	 9649560
 16776703	 7872894
	 6094948
	 4390988
	 2949173
	 262175
	 1

 15240427

 15240427

 15169003

 15312107

 15162859

 15317995

 15091435

 15389675

 15019755

 15461099

 14948331

 15532011

 14942443

 15597547

 15663083

 15728619

# Harmonies

## Analogous

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



10658559



15240427



16744119

# Triad

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



15240427



13805627



51163

# Complementary

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



15240427



9431948

# 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.



51107



15240427



10336325

# Square

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



15240427



16421716



5751406



49919

# Rectangle

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



15240427



16744083



5751406



51401



# Sweetspot

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



15240427



16703743



9211883



8351360



0



8421504



# Same Dimension

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



15240427



16483071



15436991



7694965



11468981



3407926



# Inverse Universe

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



15436943



16745094



9235384



7694954



11862022

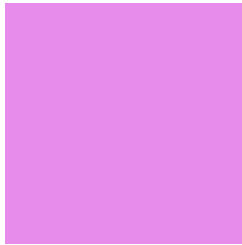


3538946



# Previews

## White Background



This preview shows how the Decimal color 15240427 looks on a white background.

## Color Contrast Check

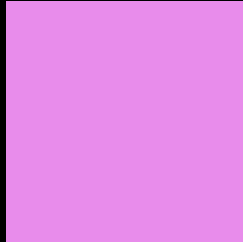
Large Text (above 18pt) WCAG AA × Fail

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 15240427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

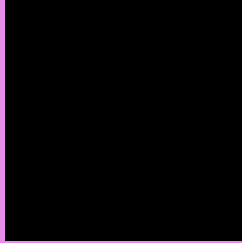
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15240427 Background



This preview shows how black text looks on a background with the Decimal color 15240427.

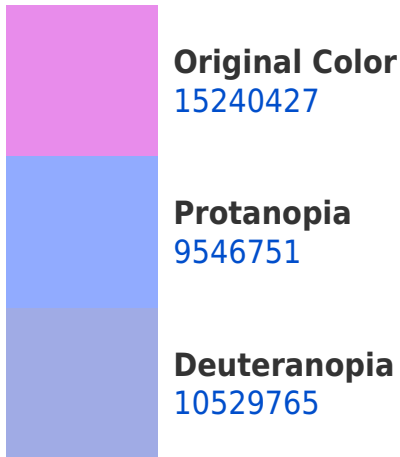



This preview shows how white text looks on a background with the Decimal color 15240427.

# 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**  
14654375

# Trichromacy



**Original Color**  
15240427



**Protanomaly**  
11641080



**Deuteranomaly**  
12230887



**Tritanomaly**  
14849728

# Monochromacy



**Original Color**  
15240427



**Achromatopsia**  
11711154



**Achromatomaly**  
13018311

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15240427 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 #E88CEB looks like.

```
.text, #text, p{  
    color:#E88CEB  
}
```

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 #E88CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E88CEB
}
```

## Border

The CSS property to change the border of an element to Decimal 15240427 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
#E88CEB }
```

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

```
.border{ border-color:#E88CEB }
```

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

Here you see how a box with a 4 pixel #E88CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E88CEB; -webkit-box-shadow:4px 4px  
4px 4px #E88CEB; box-shadow:4px 4px 4px  
4px #E88CEB }
```

# Background

The CSS property to change the background color of an element to Decimal 15240427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E88CEB }
```

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

```
.background{ background-color:#E88CEB }
```

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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