

# Converting Colors

Decimal(15249640)

Have a look what the booklet for  
Decimal(15249640) contains.

<b>Decimal(15249640)</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(15249640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B0E8
RGB	232, 176, 232
RGB Percent	91%, 69%, 91%
CMY	0.0902, 0.3098, 0.0902
CMYK	0.00, 0.24, 0.00, 0.09
HSL	300°, 55%, 80%
HSV	300°, 24%, 91%
XYZ	63.3695, 54.0327, 83.4333
YIQ	199.1280, 15.4000, 29.2880

# Conversions

## Conversions Part 2

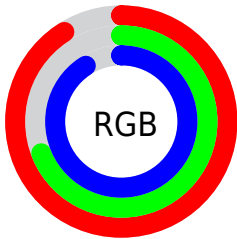
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 176, 232
Decimal	15249640
CIE Lab	78.48, 29.56, -20.12
CIE LCh	78, 35.754, 325.758
Yxy	54.0327, 0.3155, 0.2690
Android (android.graphics.Color)	4293439720 (0xFFE8B0E8)
YUV	199.1280, 16.2059, 28.8287
Hunter-Lab	73.5069, 25.2459, -15.8417

# Details

The Decimal color **15249640** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11593904**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16771327**, and **11566000** is the 20% darker color. If you saturate the color by 10%, you get **15243752**, and if you desaturate by 10%, it is **15255528**.

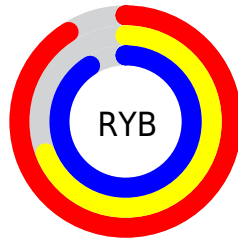
# Distribution



Red (91%)

Green (69%)

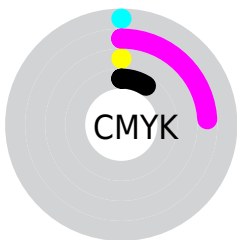
Blue (91%)



Red (91%)

Yellow (69%)

Blue (91%)

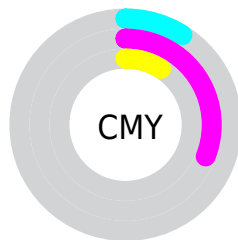


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15249640 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 15249640 by changing the saturation by 10% instead.



 15249640

 15249640

16777215

 13407692

 16771327

 11566000

 9789846

 8014204

 6369635

 4725323

 3146548

 1900575

 1

 15249640

 15249640

 15243752

 15255528

 15237864

 15261416

 15231720

 15267560

 15225832

 15269864

 15219944

 15214056

 15208168

 15204584

# Harmonies

## Analogous

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



12631038



15249640



16755144

# Triad

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



15249640



14532224



5428446

# Complementary

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



15249640



11593904

# 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.



7197884



15249640



12306821

# Square

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



15249640



16233356



9818268



6279160

# Rectangle

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



15249640



16755122



9818268



5821651



# Sweetspot

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



15249640



16772607



11579624



8418688



0



8421504



# Same Dimension

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



15249640



16758271



15249612



7563123



11731123



3342387



# Inverse Universe

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



15249640



16758271



11593932



7563123



11731123

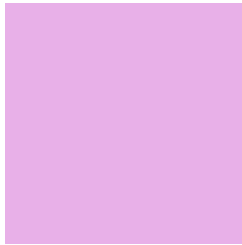


3342387



# Previews

## White Background



This preview shows how the Decimal color 15249640 looks on a white background.

## Color Contrast Check

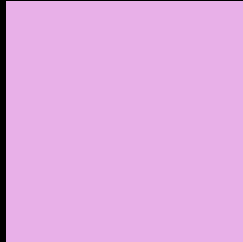
Large Text (above 18pt) WCAG AA × Fail

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 15249640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

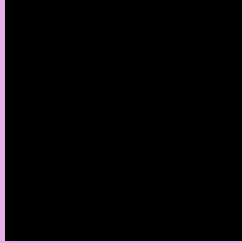
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15249640 Background



This preview shows how black text looks on a background with the Decimal color 15249640.

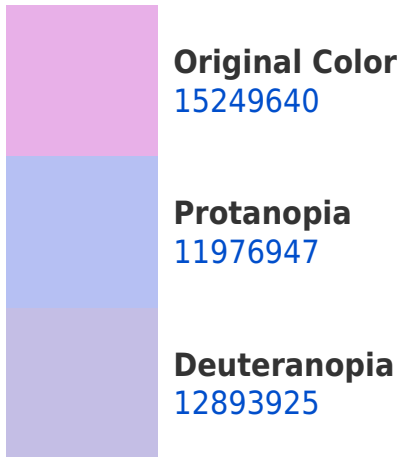


This preview shows how white text looks on a background with the Decimal color 15249640.

# 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**  
14923461

# Trichromacy



**Original Color**  
15249640



**Protanomaly**  
13155055



**Deuteranomaly**  
13744614



**Tritanomaly**  
15054034

# Monochromacy



**Original Color**  
15249640



**Achromatopsia**  
13092807



**Achromatomaly**  
13877203

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15249640 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 #E8B0E8 looks like.

```
.text, #text, p{  
  color:#E8B0E8  
}
```

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 #E8B0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8B0E8
}
```

## Border

The CSS property to change the border of an element to Decimal 15249640 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
#E8B0E8 }
```

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

```
.border{ border-color:#E8B0E8 }
```

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

Here you see how a box with a 4 pixel #E8B0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8B0E8; -webkit-box-shadow:4px 4px  
4px 4px #E8B0E8; box-shadow:4px 4px 4px  
4px #E8B0E8 }
```

# Background

The CSS property to change the background color of an element to Decimal 15249640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8B0E8 }
```

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

```
.background{ background-color:#E8B0E8 }
```

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