

# Converting Colors

Decimal(15247596)

Have a look what the booklet for  
Decimal(15247596) contains.

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# **Color**

**Decimal(15247596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8A8EC
RGB	232, 168, 236
RGB Percent	91%, 66%, 93%
CMY	0.0902, 0.3412, 0.0745
CMYK	0.02, 0.29, 0.00, 0.07
HSL	296°, 64%, 79%
HSV	296°, 29%, 93%
XYZ	62.4217, 51.2172, 85.9528
YIQ	194.8880, 16.3160, 34.7160

# Conversions

## Conversions Part 2

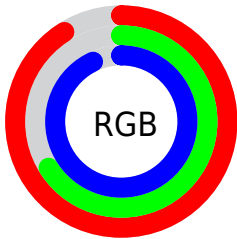
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 168, 236
Decimal	15247596
CIE Lab	76.81, 34.57, -24.82
CIE LCh	77, 42.557, 324.319
Yxy	51.2172, 0.3127, 0.2566
Android (android.graphics.Color)	4293437676 (0xFFE8A8EC)
YUV	194.8880, 20.2682, 32.5472
Hunter-Lab	71.5662, 30.4509, -21.1125

# Details

The Decimal color **15247596** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11332776**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16769279**, and **11498420** is the 20% darker color. If you saturate the color by 10%, you get **15175916**, and if you desaturate by 10%, it is **15319276**.

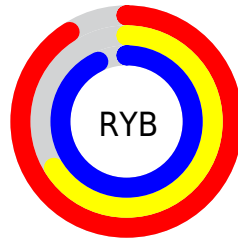
# Distribution



Red (91%)

Green (66%)

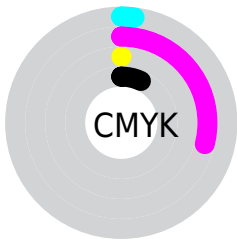
Blue (93%)



Red (91%)

Yellow (66%)

Blue (93%)

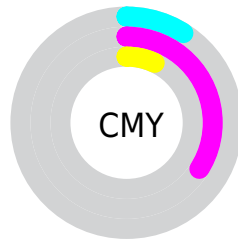


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (34%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15247596 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 15247596 by changing the saturation by 10% instead.



 15247596

 15247596

16777215

 13340112

 16769279

 11498420

 16776703

 9722521

 8012159

 6302054

 4657230

 3080246

 1638433

 5

 15247596

 15247596

 15175916

 15319276

 15038956

 15456236

 14967276

 15527916

 14830316

 15663084

 14758636

 15728620

 14686956

 15794156

 14549996

 15925228

 14549228

 15990764

 16056300

# Harmonies

## Analogous

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



12039935



15247596



16752583

# Triad

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



15247596



14596463



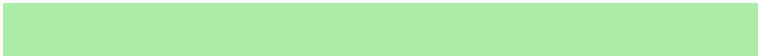
53981

# Complementary

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



15247596



11332776

# 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.



5427892



15247596



12043636

# Square

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



15247596



16493439



8965774



2149884

# Rectangle

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



15247596



16752556



8965774



2151376



# Sweetspot

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



15247596



16705791



11054572



8352128



0



8421504



# Same Dimension

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



15247596



16426751



15509711



7694965



11141301



3276854



# Inverse Universe

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



15509676



16754347



11070661



7694954



11862027

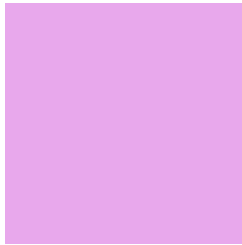


3538947



# Previews

## White Background



This preview shows how the Decimal color 15247596 looks on a white background.

## Color Contrast Check

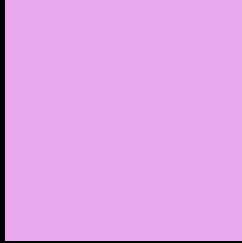
Large Text (above 18pt) WCAG AA × Fail

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 15247596 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 15247596 Background



This preview shows how black text looks on a background with the Decimal color 15247596.




This preview shows how white text looks on a background with the Decimal color 15247596.

# 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**  
14856638

# Trichromacy



**Original Color**  
15247596



**Protanomaly**  
12760565



**Deuteranomaly**  
13349866

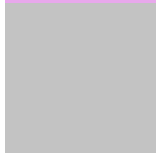


**Tritanomaly**  
14986959

# Monochromacy



**Original Color**  
15247596



**Achromatopsia**  
12829635



**Achromatomaly**  
13679058

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15247596 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 #E8A8EC looks like.

```
.text, #text, p{  
  color:#E8A8EC  
}
```

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 #E8A8EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8A8EC
}
```

## Border

The CSS property to change the border of an element to Decimal 15247596 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
#E8A8EC }
```

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

```
.border{ border-color:#E8A8EC }
```

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

Here you see how a box with a 4 pixel #E8A8EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8A8EC; -webkit-box-shadow:4px 4px  
4px 4px #E8A8EC; box-shadow:4px 4px 4px  
4px #E8A8EC }
```

# Background

The CSS property to change the background color of an element to Decimal 15247596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8A8EC }
```

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

```
.background{ background-color:#E8A8EC }
```

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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