

# Converting Colors

Decimal(13736117)

Have a look what the booklet for  
Decimal(13736117) contains.

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# **Color**

**Decimal(13736117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D198B5
RGB	209, 152, 181
RGB Percent	82%, 60%, 71%
CMY	0.1804, 0.4039, 0.2902
CMYK	0.00, 0.27, 0.13, 0.18
HSL	329°, 38%, 71%
HSV	329°, 27%, 82%
XYZ	45.8632, 39.3480, 48.8937
YIQ	172.3490, 24.6630, 21.1030

# Conversions

## Conversions Part 2

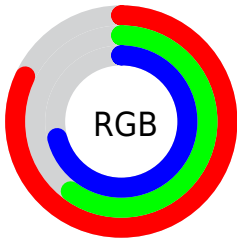
Format	Color
R <sub>Y</sub> B	209, 152, 181
Decimal	13736117
CIE Lab	69.00, 25.78, -6.60
CIE LCh	69, 26.614, 345.647
Yxy	39.3480, 0.3420, 0.2934
Android (android.graphics.Color)	4291926197 (0xFFD198B5)
YUV	172.3490, 4.2649, 32.1429
Hunter-Lab	62.7280, 20.7354, -2.3044

# Details

The Decimal color **13736117** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10015156**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16764909**, and **10118272** is the 20% darker color. If you saturate the color by 10%, you get **13730731**, and if you desaturate by 10%, it is **13741503**.

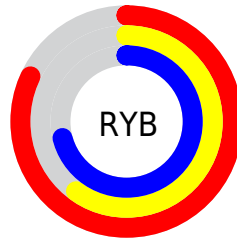
# Distribution



Red (82%)

Green (60%)

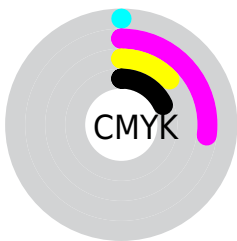
Blue (71%)



Red (82%)

Yellow (60%)

Blue (71%)

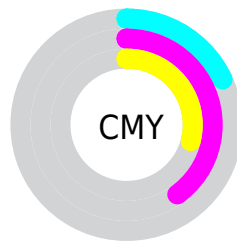


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13736117 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 13736117 by changing the saturation by 10% instead.



 13736117

 13736117

16777215

 11894426

 16764909

 10118272


 16772095

 8342631

 6632527

 5053752

 3474979

 2162701

 0

 13736117

 13736117

 13730731

 13741503

 13725344

 13746890

 13719958

 13752276

 13714572

 13757662

 13709442

 13762536

 13704055

 13762547

 13698669

 13762557

 13697130

 13762559

# Harmonies

## Analogous

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



12361418



13736117



14260124

# Triad

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



13736117



11381626



6534346

# Complementary

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



13736117



10015156

# 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.



6534836



13736117



9613702

# Square

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



13736117



12886906



7779740



8040150

# Rectangle

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



13736117



14129549



7779740



6337988



# Sweetspot

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



13736117



16772085



11835601



8418169



0



8421504



# Same Dimension

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



13736117



16755670



13736089



6905443



11010134



2686997



# Inverse Universe

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



13736117



16755670



10015184



6905443



11010134

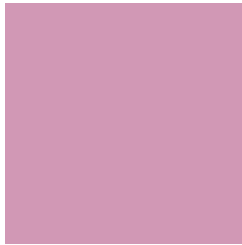


2686997



# Previews

## White Background



This preview shows how the Decimal color 13736117 looks on a white background.

## Color Contrast Check

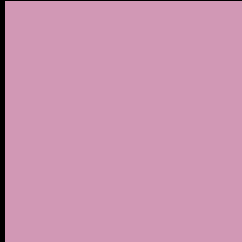
Large Text (above 18pt) WCAG AA × Fail

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 13736117 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 13736117 Background



This preview shows how black text looks on a background with the Decimal color 13736117.



This preview shows how white text looks on a background with the Decimal color 13736117.

# 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**  
13605798

# Trichromacy



**Original Color**  
13736117

**Protanomaly**  
11903675

**Deuteranomaly**  
12558516

**Tritanomaly**  
13671083

# Monochromacy



**Original Color**  
13736117

**Achromatopsia**  
11316396

**Achromatomaly**  
12166575

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13736117 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 #D198B5 looks like.

```
.text, #text, p{  
    color:#D198B5  
}
```

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 #D198B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D198B5
}
```

## Border

The CSS property to change the border of an element to Decimal 13736117 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
#D198B5 }
```

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

```
.border{ border-color:#D198B5 }
```

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

Here you see how a box with a 4 pixel #D198B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D198B5; -webkit-box-shadow:4px 4px  
4px 4px #D198B5; box-shadow:4px 4px 4px  
4px #D198B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 13736117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D198B5 }
```

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

```
.background{ background-color:#D198B5 }
```

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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