

# Converting Colors

Decimal(13672117)

Have a look what the booklet for  
Decimal(13672117) contains.

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# **Color**

**Decimal(13672117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D09EB5
RGB	208, 158, 181
RGB Percent	82%, 62%, 71%
CMY	0.1843, 0.3804, 0.2902
CMYK	0.00, 0.24, 0.13, 0.18
HSL	332°, 35%, 72%
HSV	332°, 24%, 82%
XYZ	46.5798, 41.1998, 49.2134
YIQ	175.5720, 22.4170, 17.7530

# Conversions

## Conversions Part 2

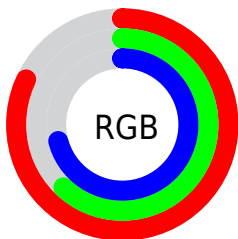
Format	Color
R <sub>Y</sub> B	208, 158, 181
Decimal	13672117
CIE Lab	70.32, 22.16, -4.67
CIE LCh	70, 22.642, 348.105
Yxy	41.1998, 0.3400, 0.3007
Android (android.graphics.Color)	4291862197 (0xFFD09EB5)
YUV	175.5720, 2.6760, 28.4394
Hunter-Lab	64.1871, 17.2079, -0.5278

# Details

The Decimal color **13672117** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10408121**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16766445**, and **10054272** is the 20% darker color. If you saturate the color by 10%, you get **13666730**, and if you desaturate by 10%, it is **13677504**.

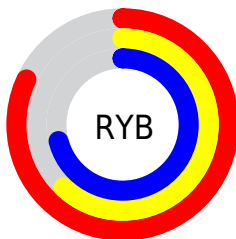
# Distribution



Red (82%)

Green (62%)

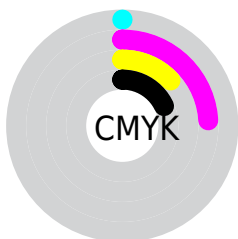
Blue (71%)



Red (82%)

Yellow (62%)

Blue (71%)

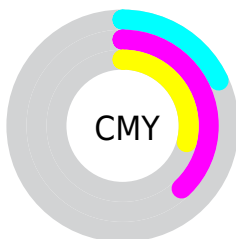


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13672117 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 13672117 by changing the saturation by 10% instead.



 13672117

 13672117

16777215

 11830426

 16766445

 10054272

 16773631

 8344167

 6634063

 4990008

 3477027

 2228237

 0

 13672117

 13672117

 13666730

 13677504

 13661343

 13682891

 13656211

 13688023

 13650824

 13693410

 13645437

 13697005

 13640050

 13697016

 13634662

 13697023

 13631584

# Harmonies

## Analogous

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



12493768



13672117



14065312

# Triad

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



13672117



11448197



7714250

# Complementary

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



13672117



10408121

# 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.



7583928



13672117



9942160

# Square

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



13672117



12822660



8501155



9023700

# Rectangle

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



13672117



13934739



8501155



7517893



# Sweetspot

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



13672117



16772597



12164816



8418682



0



8421504



# Same Dimension

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



13672117



16758231



13672606



6905443



11010125



2686995



# Inverse Universe

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



13672117



16758231



10407632



6905443



11010125

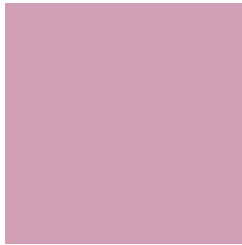


2686995



# Previews

## White Background



This preview shows how the Decimal color 13672117 looks on a white background.

## Color Contrast Check

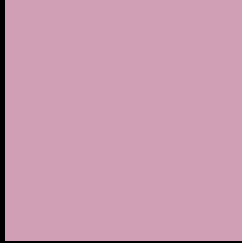
Large Text (above 18pt) WCAG AA × Fail

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 13672117 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 13672117 Background



This preview shows how black text looks on a background with the Decimal color 13672117.



This preview shows how white text looks on a background with the Decimal color 13672117.

# 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



**Original Color**  
13672117

**Protanopia**  
11185085

**Deuteranopia**  
12232627



**Tritanopia**  
13607084

# Trichromacy



**Original Color**  
13672117

**Protanomaly**  
12101306

**Deuteranomaly**  
12756148

**Tritanomaly**  
13606831

# Monochromacy



**Original Color**  
13672117

**Achromatopsia**  
11579568

**Achromatomaly**  
12364210

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13672117 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 #D09EB5 looks like.

```
.text, #text, p{  
    color:#D09EB5  
}
```

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 #D09EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09EB5
}
```

## Border

The CSS property to change the border of an element to Decimal 13672117 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
#D09EB5 }
```

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

```
.border{ border-color:#D09EB5 }
```

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

Here you see how a box with a 4 pixel #D09EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09EB5; -webkit-box-shadow:4px 4px  
4px 4px #D09EB5; box-shadow:4px 4px 4px  
4px #D09EB5 }
```

# Background

The CSS property to change the background color of an element to Decimal 13672117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09EB5 }
```

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

```
.background{ background-color:#D09EB5 }
```

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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