

# Converting Colors

Decimal(13731767)

Have a look what the booklet for  
Decimal(13731767) contains.

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# **Color**

**Decimal(13731767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D187B7
RGB	209, 135, 183
RGB Percent	82%, 53%, 72%
CMY	0.1804, 0.4706, 0.2824
CMYK	0.00, 0.35, 0.12, 0.18
HSL	321°, 45%, 67%
HSV	321°, 35%, 82%
XYZ	43.5057, 34.3022, 49.1277
YIQ	162.5980, 28.6960, 30.6160

# Conversions

## Conversions Part 2

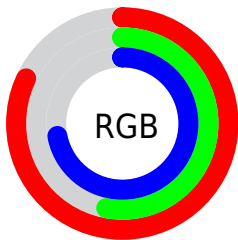
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 135, 183
Decimal	13731767
CIE <sub>Lab</sub>	65.20, 35.33, -13.39
CIE <sub>LCh</sub>	65, 37.782, 339.236
Yxy	34.3022, 0.3427, 0.2702
Android (android.graphics.Color)	4291921847 (0xFFD187B7)
YUV	162.5980, 10.0582, 40.6946
Hunter-Lab	58.5680, 30.0999, -8.7357

# Details

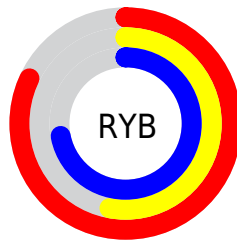
The Decimal color **13731767** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8901025**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16760303**, and **10048642** is the 20% darker color. If you saturate the color by 10%, you get **13726384**, and if you desaturate by 10%, it is **13737150**.

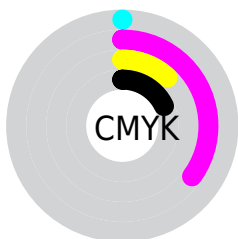
# Distribution



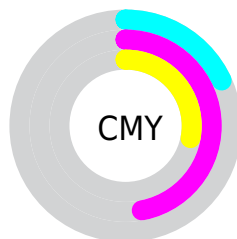
- Red (82%)
- Green (53%)
- Blue (72%)



- Red (82%)
- Yellow (53%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13731767 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 13731767 by changing the saturation by 10% instead.



 13731767

 13731767

16777215

 11890076

 16760303

 10048642

 16767487


 8272745

 16774911

 6562385

 4917050

 3342372

 1638413

 0

 13731767

 13731767

13726384

13737150

13721000

13742534

13715617

13747917

13710234

13753300

13705106

13758684

13699723

13762531

13697160

13762538

13762546

13762553

# Harmonies

## Analogous

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



11571923



13731767



14648469

# Triad

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



13731767



11182170



44744

# Complementary

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



13731767



8901025

# 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.



2142376



13731767



8759657

# Square

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



13731767



13145183



5942917



4040925

# Rectangle

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



13731767



14648959



5942917



44990



# Sweetspot

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



13731767



16770037



10586065



8417146



0



8421504



# Same Dimension

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



13731767



16749785



13731730



6905445



11010157



2687002



# Inverse Universe

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



13731767



16749785



8901062



6905445



11010157



2687002



# Previews

## White Background



This preview shows how the Decimal color 13731767 looks on a white background.

## Color Contrast Check

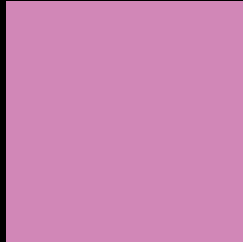
Large Text (above 18pt) WCAG AA × Fail

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 13731767 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 13731767 Background



This preview shows how black text looks on a background with the Decimal color 13731767.

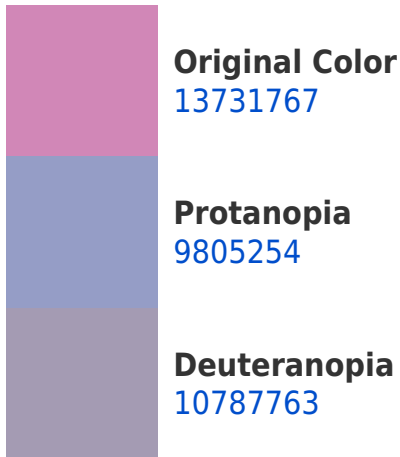



This preview shows how white text looks on a background with the Decimal color 13731767.

# 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](#).

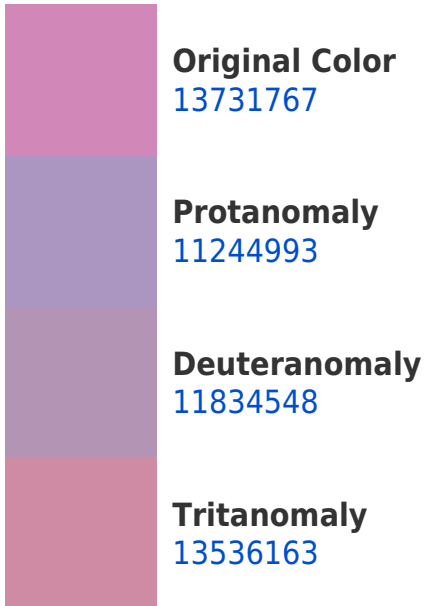
## Dichromacy



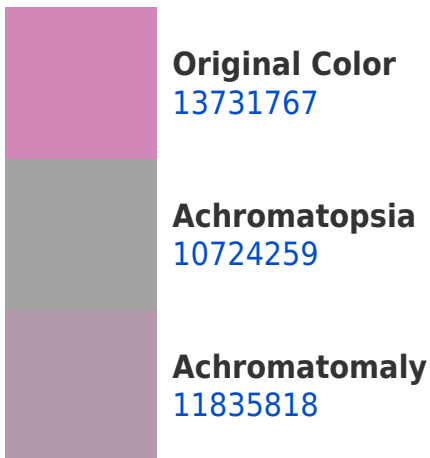


**Tritanopia**  
13471128

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13731767 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 #D187B7 looks like.

```
.text, #text, p{  
    color:#D187B7  
}
```

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 #D187B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D187B7
}
```

## Border

The CSS property to change the border of an element to Decimal 13731767 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
#D187B7 }
```

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

```
.border{ border-color:#D187B7 }
```

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

Here you see how a box with a 4 pixel #D187B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D187B7; -webkit-box-shadow:4px 4px  
4px 4px #D187B7; box-shadow:4px 4px 4px  
4px #D187B7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13731767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D187B7 }
```

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

```
.background{ background-color:#D187B7 }
```

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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