

# Converting Colors

Decimal(13727368)

Have a look what the booklet for  
Decimal(13727368) contains.

<b>Decimal(13727368)</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(13727368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D17688
RGB	209, 118, 136
RGB Percent	82%, 46%, 53%
CMY	0.1804, 0.5373, 0.4667
CMYK	0.00, 0.44, 0.35, 0.18
HSL	348°, 50%, 64%
HSV	348°, 44%, 82%
XYZ	37.2169, 28.2897, 26.7915
YIQ	147.2610, 48.4580, 24.8900

# Conversions

## Conversions Part 2

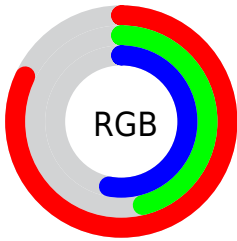
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	209, 118, 136
Decimal	13727368
CIE <sub>Lab</sub>	60.15, 37.56, 5.97
CIE <sub>LCh</sub>	60, 38.034, 9.025
Yxy	28.2897, 0.4032, 0.3065
Android (android.graphics.Color)	4291917448 (0xFFD17688)
YUV	147.2610, -5.5517, 54.1451
Hunter-Lab	53.1881, 31.8211, 7.3666

# Details

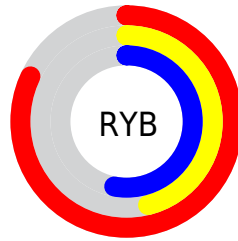
The Decimal color **13727368** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7786943**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16755901**, and **9978710** is the 20% darker color. If you saturate the color by 10%, you get **13721975**, and if you desaturate by 10%, it is **13732761**.

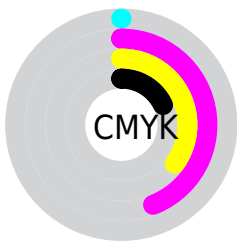
# Distribution



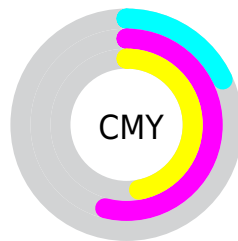
- Red (82%)
- Green (46%)
- Blue (53%)



- Red (82%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (44%)
- Yellow (35%)
- Black (18%)



- Cyan (18%)
- Magenta (54%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13727368 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 13727368 by changing the saturation by 10% instead.



 13727368

 13727368

16777215

 11820143

 16755901

 9978710

 16763097

 8137279

 16770293

 6360617

 4587541

 3145730

 0

 13727368

 13727368

 13721975

 13732761

 13716582

 13738154

 13711190

 13743546

 13705797

 13748939

 13700660

 13754332

 13697065

 13759469

 13762557

 13762559

# Harmonies

## Analogous

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



12810922



13727368



13466728

# Triad

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



13727368



7904091



2399183

# Complementary

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



13727368



7786943

# 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.



41402



13727368



5022072

# Square

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



13727368



10261069



41882



7311827

# Rectangle

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



13727368



12747608



41882



40394



# Sweetspot

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



13727368



16768740



12547793



8416111



0



8421504



# Same Dimension

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



13727368



16743061



13734262



6905440



11010081



2686984



# Inverse Universe

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



13727368



16743061



7780049



6905440



11010081



2686984



# Previews

## White Background



This preview shows how the Decimal color 13727368 looks on a white background.

## Color Contrast Check

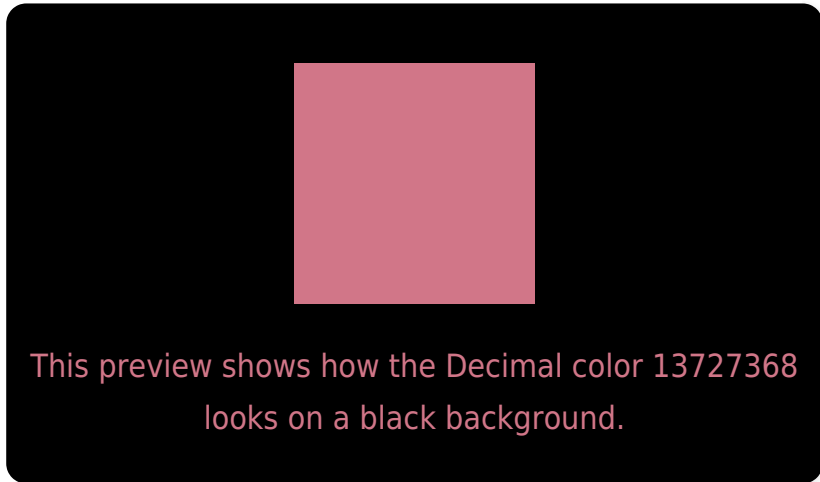
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Decimal 13727368 Background



This preview shows how black text looks on a background with the Decimal color 13727368.




This preview shows how white text looks on a background with the Decimal color 13727368.

# 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**  
13662080

# Trichromacy



**Original Color**  
13727368

**Protanomaly**  
11110290

**Deuteranomaly**  
11830405

**Tritanomaly**  
13662083

# Monochromacy



**Original Color**  
13727368

**Achromatopsia**  
9671571

**Achromatomaly**  
11176079

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13727368 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 #D17688 looks like.

```
.text, #text, p{  
    color:#D17688  
}
```

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 #D17688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17688
}
```

## Border

The CSS property to change the border of an element to Decimal 13727368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

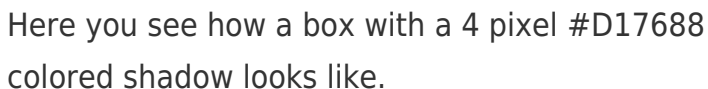
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D17688 }
```

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

```
.border{ border-color:#D17688 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D17688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17688; -webkit-box-shadow:4px 4px  
4px 4px #D17688; box-shadow:4px 4px 4px  
4px #D17688 }
```

# Background

The CSS property to change the background color of an element to Decimal 13727368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17688 }
```

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

```
.background{ background-color:#D17688 }
```

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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