

# Converting Colors

Decimal(13729696)

Have a look what the booklet for  
Decimal(13729696) contains.

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# **Color**

**Decimal(13729696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D17FA0
RGB	209, 127, 160
RGB Percent	82%, 50%, 63%
CMY	0.1804, 0.5020, 0.3725
CMYK	0.00, 0.39, 0.23, 0.18
HSL	336°, 47%, 66%
HSV	336°, 39%, 82%
XYZ	40.2290, 31.2721, 37.1735
YIQ	155.2800, 38.2790, 27.6470

# Conversions

## Conversions Part 2

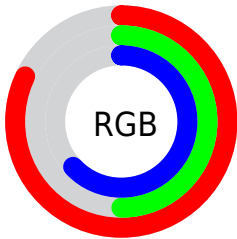
Format	Color
R <sub>Y</sub> B	209, 127, 160
Decimal	13729696
CIE Lab	62.74, 36.03, -4.03
CIE LCh	63, 36.251, 353.617
Yxy	31.2721, 0.3702, 0.2878
Android (android.graphics.Color)	4291919776 (0xFFD17FA0)
YUV	155.2800, 2.3270, 47.1124
Hunter-Lab	55.9215, 30.5475, -0.2677

# Details

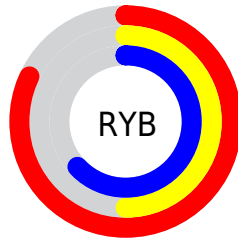
The Decimal color **13729696** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **8376752**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16758231**, and **10046573** is the 20% darker color. If you saturate the color by 10%, you get **13724308**, and if you desaturate by 10%, it is **13735084**.

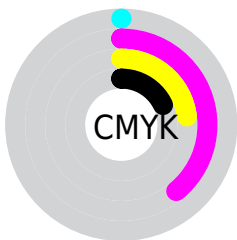
# Distribution



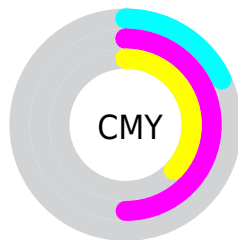
- Red (82%)
- Green (50%)
- Blue (63%)



- Red (82%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (50%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13729696 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 13729696 by changing the saturation by 10% instead.



 13729696

 13729696

16777215

 11888006

 16758231

 10046573

 16765427

 8270676

 16772863

 6494781

 4784168

 3276819

 786432

 0

 13729696

 13729696

 13724308

 13735084

 13718919

 13740473

 13713531

 13745861

 13708142

 13751250

 13702754

 13756382

 13697621

 13761771

 13697108

 13762551

 13762559

# Harmonies

## Analogous

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



12224190



13729696



14057600

# Triad

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



13729696



9674332



1222091

# Complementary

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



13729696



8376752

# 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.



43440



13729696



7185776

# Square

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



13729696



11768663



4302992



6004183

# Rectangle

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



13729696



13665645



4302992



42691



# Sweetspot

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



13729696



16769261



11501521



8416885



0



8421504



# Same Dimension

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



13729696



16746423



13731455



6905442



11010116



2686992



# Inverse Universe

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



13729696



16746423



8374993



6905442



11010116



2686992



# Previews

## White Background



This preview shows how the Decimal color 13729696 looks on a white background.

## Color Contrast Check

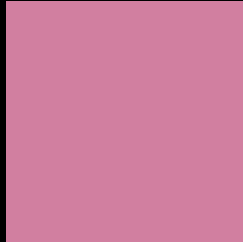
Large Text (above 18pt) WCAG AA × Fail

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 13729696 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 13729696 Background



This preview shows how black text looks on a background with the Decimal color 13729696.




This preview shows how white text looks on a background with the Decimal color 13729696.

# 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**  
13599628

# Trichromacy



**Original Color**  
13729696

**Protanomaly**  
11177642

**Deuteranomaly**  
11898013

**Tritanomaly**  
13664915

# Monochromacy



**Original Color**  
13729696

**Achromatopsia**  
10197915

**Achromatomaly**  
11506077

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13729696 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 #D17FA0 looks like.

```
.text, #text, p{  
    color:#D17FA0  
}
```

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 #D17FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17FA0
}
```

## Border

The CSS property to change the border of an element to Decimal 13729696 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
#D17FA0 }
```

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

```
.border{ border-color:#D17FA0 }
```

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

Here you see how a box with a 4 pixel #D17FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17FA0; -webkit-box-shadow:4px 4px  
4px 4px #D17FA0; box-shadow:4px 4px 4px  
4px #D17FA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13729696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17FA0 }
```

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

```
.background{ background-color:#D17FA0 }
```

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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