

# Converting Colors

Decimal(13724329)

Have a look what the booklet for  
Decimal(13724329) contains.

<b>Decimal(13724329)</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(13724329)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D16AA9
RGB	209, 106, 169
RGB Percent	82%, 42%, 66%
CMY	0.1804, 0.5843, 0.3373
CMYK	0.00, 0.49, 0.19, 0.18
HSL	323°, 53%, 62%
HSV	323°, 49%, 82%
XYZ	38.6100, 26.7280, 40.6602
YIQ	143.9790, 41.1650, 41.4290

# Conversions

## Conversions Part 2

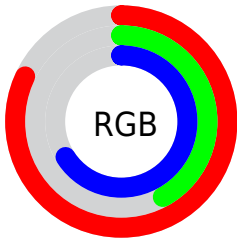
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 106, 169</a>
Decimal	<a href="#">13724329</a>
CIELab	<a href="#">58.72, 48.23, -15.19</a>
CIELCh	<a href="#">59, 50.563, 342.514</a>
Yxy	<a href="#">26.7280, 0.3643, 0.2522</a>
Android (android.graphics.Color)	<a href="#">4291914409 (0xFFD16AA9)</a>
YUV	<a href="#">143.9790, 12.3354, 57.0234</a>
Hunter-Lab	<a href="#">51.6991, 42.8342, -10.4409</a>

# Details

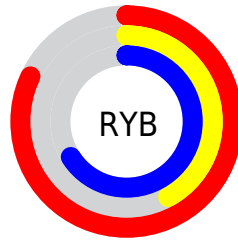
The Decimal color **13724329** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7000466**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16752864**, and **9975157** is the 20% darker color. If you saturate the color by 10%, you get **13718945**, and if you desaturate by 10%, it is **13729713**.

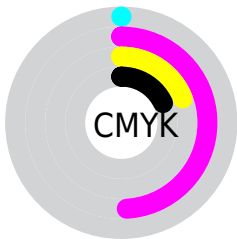
# Distribution



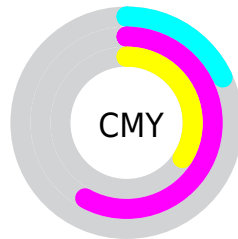
- Red (82%)
- Green (42%)
- Blue (66%)



- Red (82%)
- Yellow (42%)
- Blue (66%)



- Cyan (0%)
- Magenta (49%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (58%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13724329 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 13724329 by changing the saturation by 10% instead.



 13724329

 13724329

16777215

 11817102

 16752864

 9975157

 16760061

 8197980

 16767487

 6422596

 16774911

 4653102

 3145754

 0

 13724329

 13724329

 13718945

 13729713

 13713561

 13735097

 13708177

 13740481

 13702793

 13745865

 13697664

 13751250

 13697152

 13756378

 13761762

 13762538

 13762546

# Harmonies

## Analogous

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



11041487



13724329



14640764

# Triad

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



13724329



9736497



41416

# Complementary

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



13724329



7000466

# 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.



41887



13724329



6527817

# Square

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



13724329



12288566



41329



39393

# Rectangle

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



13724329



14445664



41329



41660



# Sweetspot

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



13724329



16767472



9530065



8415607



0



8421504



# Same Dimension

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



13724329



16738757



13724278



6905444



11010151



2687001



# Inverse Universe

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



13724329



16738757



7000517



6905444



11010151

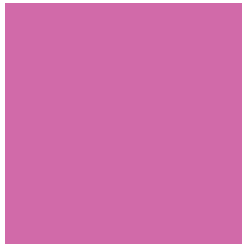


2687001



# Previews

## White Background



This preview shows how the Decimal color 13724329 looks on a white background.

## Color Contrast Check

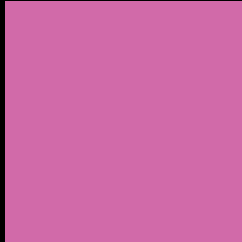
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 13724329 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 × Fail

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



## Decimal 13724329 Background



This preview shows how black text looks on a background with the Decimal color 13724329.




This preview shows how white text looks on a background with the Decimal color 13724329.

# 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**  
13398908

# Trichromacy



**Original Color**  
13724329



**Protanomaly**  
10256568



**Deuteranomaly**  
11042470

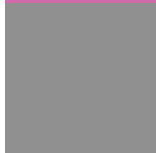


**Tritanomaly**  
13529228

# Monochromacy



**Original Color**  
13724329



**Achromatopsia**  
9474192



**Achromatomaly**  
11043481

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13724329 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 #D16AA9 looks like.

```
.text, #text, p{  
  color:#D16AA9  
}
```

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 #D16AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16AA9
}
```

## Border

The CSS property to change the border of an element to Decimal 13724329 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
#D16AA9 }
```

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

```
.border{ border-color:#D16AA9 }
```

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

Here you see how a box with a 4 pixel #D16AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16AA9; -webkit-box-shadow:4px 4px  
4px 4px #D16AA9; box-shadow:4px 4px 4px  
4px #D16AA9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13724329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16AA9 }
```

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

```
.background{ background-color:#D16AA9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor