

# Converting Colors

Decimal(16228829)

Have a look what the booklet for  
Decimal(16228829) contains.

<b>Decimal(16228829)</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(16228829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7A1DD
RGB	247, 161, 221
RGB Percent	97%, 63%, 87%
CMY	0.0314, 0.3686, 0.1333
CMYK	0.00, 0.35, 0.11, 0.03
HSL	318°, 84%, 80%
HSV	318°, 35%, 97%
XYZ	64.1538, 50.4844, 74.7698
YIQ	193.5540, 31.9960, 36.8920

# Conversions

## Conversions Part 2

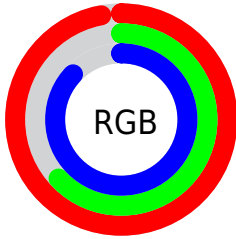
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 161, 221
Decimal	16228829
CIE <sub>Lab</sub>	76.37, 40.47, -17.20
CIE <sub>LCh</sub>	76, 43.971, 336.976
Yxy	50.4844, 0.3387, 0.2665
Android (android.graphics.Color)	4294418909 (0xFF7A1DD)
YUV	193.5540, 13.5309, 46.8721
Hunter-Lab	71.0523, 36.8276, -12.6554

# Details

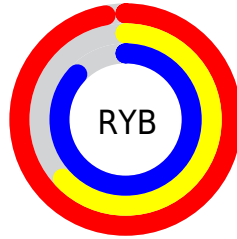
The Decimal color **16228829** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **10614715**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16767487**, and **12414118** is the 20% darker color. If you saturate the color by 10%, you get **16222422**, and if you desaturate by 10%, it is **16235236**.

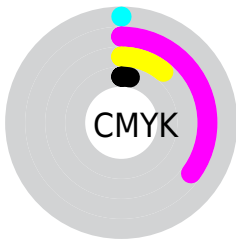
# Distribution



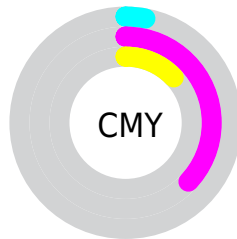
- Red (97%)
- Green (63%)
- Blue (87%)



- Red (97%)
- Yellow (63%)
- Blue (87%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (3%)
















- Cyan (3%)
- Magenta (37%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16228829 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 16228829 by changing the saturation by 10% instead.



 16228829	 16228829
16777215	 14321345
 16767487	 12414118
 16774911	 10572427
	 8796530
	 7085913
	 5374018
	 3735595
	 2228247
	 0

 16228829

 16228829

 16222422

 16235236

 16216270

 16241388

 16209863

 16247795

 16203455

 16252923

 16197048

 16252927

 16190896

 16187564

# Harmonies

## Analogous

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



13479677



16228829



16751796

# Triad

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



16228829



13483370



53484

# Complementary

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



16228829



10614715

# 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.



2544325



16228829



10668154

# Square

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



16228829



15839090



7262107



3983871

# Rectangle

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



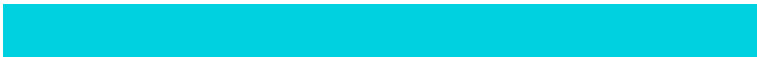
16228829



16752538



7262107



53728



# Sweetspot

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



16228829



16770807



12296695



8417403



0



8421504



# Same Dimension

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



16228829



16749791



16228786



8023671



12189826



3866665



# Inverse Universe

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



16228829



16749791



10614758



8023671



12189826



3866665



# Previews

## White Background



This preview shows how the Decimal color 16228829 looks on a white background.

## Color Contrast Check

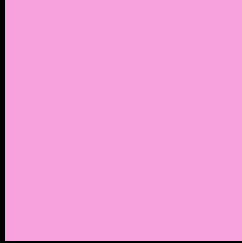
Large Text (above 18pt) WCAG AA × Fail

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 16228829 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

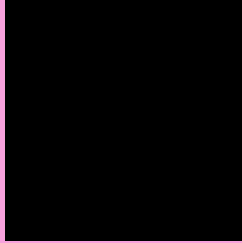
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16228829 Background



This preview shows how black text looks on a background with the Decimal color 16228829.



This preview shows how white text looks on a background with the Decimal color 16228829.

# 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**  
15902901

# Trichromacy



**Original Color**  
16228829



**Protanomaly**  
13284072



**Deuteranomaly**  
14004442

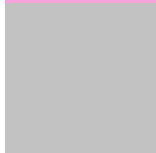


**Tritanomaly**  
16033220

# Monochromacy



**Original Color**  
16228829



**Achromatopsia**  
12763842



**Achromatomaly**  
14005964

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16228829 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 #F7A1DD looks like.

```
.text, #text, p{  
    color:#F7A1DD  
}
```

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 #F7A1DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7A1DD
}
```

## Border

The CSS property to change the border of an element to Decimal 16228829 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
#F7A1DD }
```

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

```
.border{ border-color:#F7A1DD }
```

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

Here you see how a box with a 4 pixel #F7A1DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7A1DD; -webkit-box-shadow:4px 4px  
4px 4px #F7A1DD; box-shadow:4px 4px 4px  
4px #F7A1DD }
```

# Background

The CSS property to change the background color of an element to Decimal 16228829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7A1DD }
```

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

```
.background{ background-color:#F7A1DD }
```

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