

# Converting Colors

Decimal(16228840)

Have a look what the booklet for  
Decimal(16228840) contains.

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# **Color**

**Decimal(16228840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7A1E8
RGB	247, 161, 232
RGB Percent	97%, 63%, 91%
CMY	0.0314, 0.3686, 0.0902
CMYK	0.00, 0.35, 0.06, 0.03
HSL	310°, 84%, 80%
HSV	310°, 35%, 97%
XYZ	65.6681, 51.0901, 82.7442
YIQ	194.8080, 28.4650, 40.3130

# Conversions

## Conversions Part 2

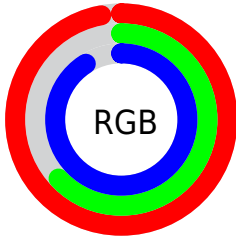
Format	Color
R <sub>Y</sub> B	247, 161, 232
Decimal	16228840
CIE Lab	76.73, 42.31, -22.63
CIE LCh	77, 47.977, 331.862
Yxy	51.0901, 0.3292, 0.2561
Android (android.graphics.Color)	4294418920 (0xFF7A1E8)
YUV	194.8080, 18.3357, 45.7724
Hunter-Lab	71.4773, 38.9074, -18.6017

# Details

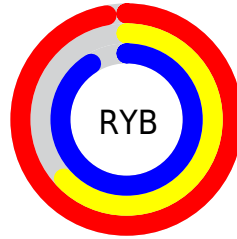
The Decimal color **16228840** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **10614704**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16767487**, and **12414128** is the 20% darker color. If you saturate the color by 10%, you get **16222436**, and if you desaturate by 10%, it is **16235244**.

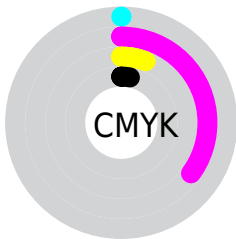
# Distribution



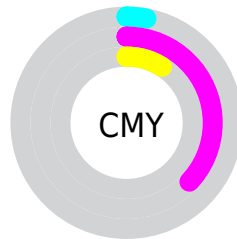
- Red (97%)
- Green (63%)
- Blue (91%)



- Red (97%)
- Yellow (63%)
- Blue (91%)



- Cyan (0%)
- Magenta (35%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (37%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16228840 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 16228840 by changing the saturation by 10% instead.



 16228840

 16228840

16777215

 14321356

 16767487

 12414128

 16774911

 10572437

 8796283

 7085666

 5374026

 3735603

 2228254

 0

 16228840

 16228840

 16222436

 16235244

 16216287

 16241393

 16209883

 16247797

 16203479

 16252921

 16197074

 16252926

 16190926

 16252927

 16187596

# Harmonies

## Analogous

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



12956159



16228840



16751036

# Triad

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



16228840



14072931



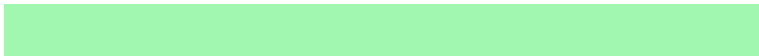
54251

# Complementary

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



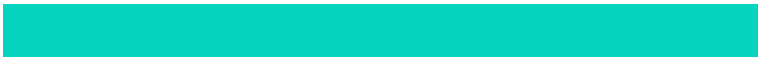
16228840



10614704

# 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.



382143



16228840



11061616

# Square

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



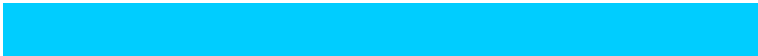
16228840



16493680



7459218



52735

# Rectangle

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



16228840



16751519



7459218



54493



# Sweetspot

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



16228840



16770811



11510263



8417405



0



8421504



# Same Dimension

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



16228840



16749804



16228798



8023672



12189850



3866672



# Inverse Universe

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



16228840



16749804



10614746



8023672



12189850



3866672



# Previews

## White Background



This preview shows how the Decimal color 16228840 looks on a white background.

## Color Contrast Check

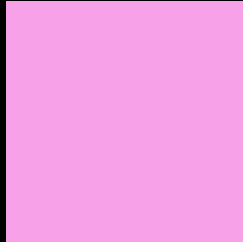
Large Text (above 18pt) WCAG AA × Fail

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 16228840 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 16228840 Background



This preview shows how black text looks on a background with the Decimal color 16228840.



This preview shows how white text looks on a background with the Decimal color 16228840.

# 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**  
15837879

# Trichromacy



**Original Color**  
16228840



**Protanomaly**  
13087476



**Deuteranomaly**  
13873381

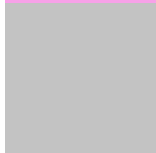


**Tritanomaly**  
15968201

# Monochromacy



**Original Color**  
16228840



**Achromatopsia**  
12829635



**Achromatomaly**  
14071760

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16228840 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 #F7A1E8 looks like.

```
.text, #text, p{  
    color:#F7A1E8  
}
```

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 #F7A1E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7A1E8
}
```

## Border

The CSS property to change the border of an element to Decimal 16228840 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
#F7A1E8 }
```

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

```
.border{ border-color:#F7A1E8 }
```

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

Here you see how a box with a 4 pixel #F7A1E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7A1E8; -webkit-box-shadow:4px 4px  
4px 4px #F7A1E8; box-shadow:4px 4px 4px  
4px #F7A1E8 }
```

# Background

The CSS property to change the background color of an element to Decimal 16228840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7A1E8 }
```

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

```
.background{ background-color:#F7A1E8 }
```

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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