

# Converting Colors

Decimal(16199131)

Have a look what the booklet for  
Decimal(16199131) contains.

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# Color

**Decimal(16199131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F72DDB
RGB	247, 45, 219
RGB Percent	97%, 18%, 86%
CMY	0.0314, 0.8235, 0.1412
CMYK	0.00, 0.82, 0.11, 0.03
HSL	308°, 93%, 57%
HSV	308°, 82%, 97%
XYZ	52.0823, 26.7654, 69.4390
YIQ	125.2340, 64.5380, 96.9380

# Conversions

## Conversions Part 2

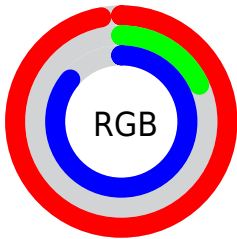
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 45, 219
Decimal	16199131
CIE Lab	58.76, 86.93, -43.26
CIE LCh	59, 97.098, 333.542
Yxy	26.7654, 0.3512, 0.1805
Android (android.graphics.Color)	4294389211 (0xFFFF72DDB)
YUV	125.2340, 46.2266, 106.7888
Hunter-Lab	51.7353, 89.1607, -43.3642

# Details

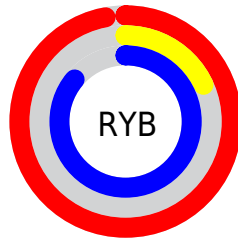
The Decimal color **16199131** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **3012425**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16741887**, and **12189859** is the 20% darker color. If you saturate the color by 10%, you get **16192728**, and if you desaturate by 10%, it is **16205534**.

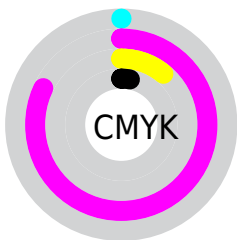
# Distribution



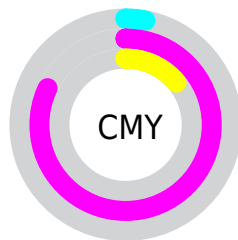
- Red (97%)
- Green (18%)
- Blue (86%)



- Red (97%)
- Yellow (18%)
- Blue (86%)



- Cyan (0%)
- Magenta (82%)
- Yellow (11%)
- Black (3%)



















- Cyan (3%)
- Magenta (82%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16199131 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 16199131 by changing the saturation by 10% instead.



 16199131	 16199131
16777215	 14155967
 16741887	 12189859
 16749823	 10223753
 16757503	 8323183
 16765439	 6422614
 16773119	 4587582
	 2621479
	 271
	 0

■ 16199131

■ 16199131

■ 16192728

■ 16205534

■ 16187605

■ 16211682

■ 16218085

■ 16224489

■ 16230892

■ 16237040

■ 16243443

■ 16249846

■ 16252922

# Harmonies

## Analogous

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



9335039



16199131



16711815

# Triad

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



16199131



10718720



45290

# Complementary

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



16199131



3012425

# 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.



45206



16199131



4497920

# Square

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



16199131



15034880



43833



43519

# Rectangle

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



16199131



16711760



43833



45264



# Sweetspot

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



16199131



16760822



4730359



8411514



0



8421504



# Same Dimension

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



16199131



16713180



16199031



8023673



12189856



3866675



# Inverse Universe

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



16199131



16713180



3012525



8023673



12189856

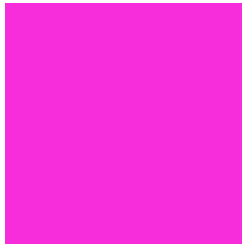


3866675



# Previews

## White Background



This preview shows how the Decimal color 16199131 looks on a white background.

## Color Contrast Check

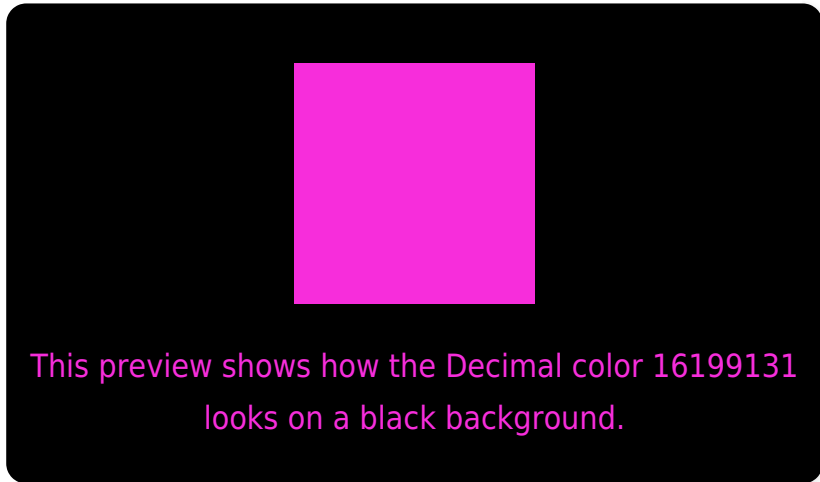
Large Text (above 18pt) WCAG AA ✓ Pass

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

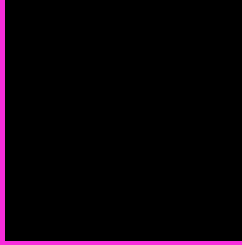
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 16199131 Background



This preview shows how black text looks on a background with the Decimal color 16199131.

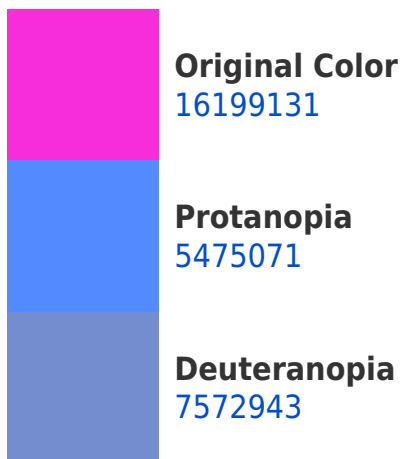


This preview shows how white text looks on a background with the Decimal color 16199131.

# 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





# Trichromacy



**Original Color**  
16199131



**Protanomaly**  
9398514



**Deuteranomaly**  
10709715



**Tritanomaly**  
15748239

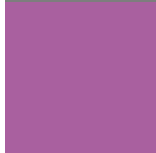
# Monochromacy



**Original Color**  
16199131



**Achromatopsia**  
8224125



**Achromatomaly**  
11100319

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16199131 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 #F72DDB looks like.

```
.text, #text, p{  
    color:#F72DDB  
}
```

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 #F72DDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F72DDB
}
```

## Border

The CSS property to change the border of an element to Decimal 16199131 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
#F72DDB }
```

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

```
.border{ border-color:#F72DDB }
```

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

Here you see how a box with a 4 pixel #F72DDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F72DDB; -webkit-box-shadow:4px 4px  
4px 4px #F72DDB; box-shadow:4px 4px 4px  
4px #F72DDB }
```

# Background

The CSS property to change the background color of an element to Decimal 16199131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F72DDB }
```

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

```
.background{ background-color:#F72DDB }
```

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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