

# Converting Colors

Decimal(16490431)

Have a look what the booklet for  
Decimal(16490431) contains.

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# **Color**

**Decimal(16490431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB9FBF
RGB	251, 159, 191
RGB Percent	98%, 62%, 75%
CMY	0.0157, 0.3765, 0.2510
CMYK	0.00, 0.37, 0.24, 0.02
HSL	339°, 92%, 80%
HSV	339°, 37%, 98%
XYZ	61.5858, 49.0671, 55.5152
YIQ	190.1560, 44.5600, 29.4560

# Conversions

## Conversions Part 2

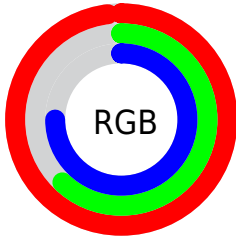
<b>Format</b>	<b>Color</b>
<b>RYB</b>	251, 159, 191
Decimal	16490431
CIELab	75.49, 38.30, -2.03
CIELCh	75, 38.351, 356.965
Yxy	49.0671, 0.3706, 0.2953
Android (android.graphics.Color)	4294680511 (0xFFFB9FBF)
YUV	190.1560, 0.4161, 53.3602
Hunter-Lab	70.0479, 34.3525, 2.0443

# Details

The Decimal color **16490431** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **10484699**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16766967**, and **12675722** is the 20% darker color. If you saturate the color by 10%, you get **16484015**, and if you desaturate by 10%, it is **16496847**.

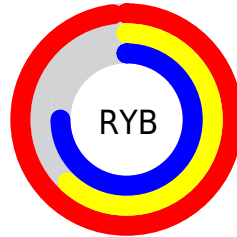
# Distribution



Red (98%)

Green (62%)

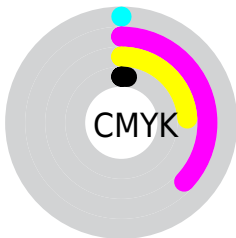
Blue (75%)



Red (98%)

Yellow (62%)

Blue (75%)

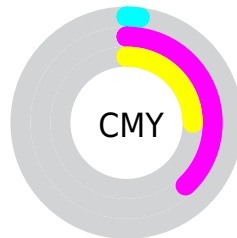


Cyan (0%)

Magenta (37%)

Yellow (24%)

Black (2%)



Cyan (2%)

Magenta (38%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16490431 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 16490431 by changing the saturation by 10% instead.



 16490431

 16490431

16777215

 14582948

 16766967

 12675722


 16774399


 10768496

 8992600

 7216705

 5439531

 3801110

 2162689

 0

 16490431

 16490431

 16484015

 16496847

 16477598

 16503264

 16471182

 16509680

 16464766

 16515071

 16458093

 16451677

 16449623

# Harmonies

## Analogous

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



14919393



16490431



16753052

# Triad

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



16490431



11649658



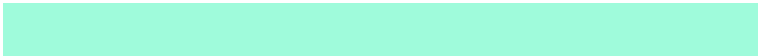
4770036

# Complementary

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



16490431



10484699

# 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.



3394777



16490431



8898962

# Square

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



16490431



14006131



5950901



8568831

# Rectangle

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



16490431



16230280



5950901



3787501



# Sweetspot

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



16490431



16770029



14393339



8417141



0



8421504



# Same Dimension

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



16490431



16748470



16493983



8220789



12386370



3997717



# Inverse Universe

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



16490431



16748470



10481147



8220789



12386370

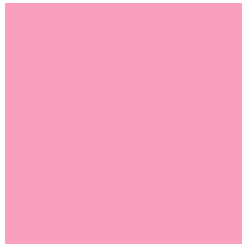


3997717



# Previews

## White Background



This preview shows how the Decimal color 16490431 looks on a white background.

## Color Contrast Check

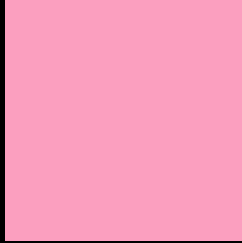
Large Text (above 18pt) WCAG AA × Fail

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 16490431 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 16490431 Background



This preview shows how black text looks on a background with the Decimal color 16490431.

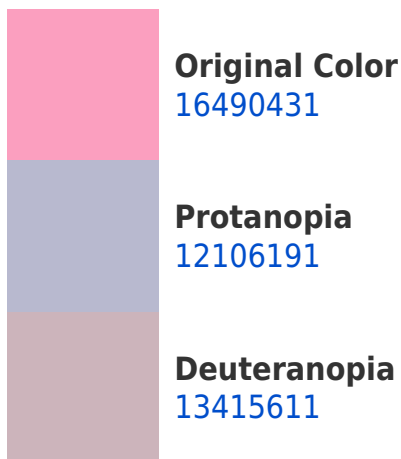



This preview shows how white text looks on a background with the Decimal color 16490431.

# 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**  
16360110

# Trichromacy



**Original Color**  
16490431



**Protanomaly**  
13676745



**Deuteranomaly**  
14527676



**Tritanomaly**  
16425396

# Monochromacy



**Original Color**  
16490431



**Achromatopsia**  
12500670



**Achromatomaly**  
13939646

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16490431 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 #FB9FBF looks like.

```
.text, #text, p{  
    color:#FB9FBF  
}
```

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 #FB9FBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9FBF } }
```

## Border

The CSS property to change the border of an element to Decimal 16490431 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 #FB9FBF } }
```

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

```
.border{ border-color:#FB9FBF }
```

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

Here you see how a box with a 4 pixel #FB9FBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9FBF; -webkit-box-shadow:4px 4px  
4px 4px #FB9FBF; box-shadow:4px 4px 4px  
4px #FB9FBF }
```

# Background

The CSS property to change the background color of an element to Decimal 16490431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9FBF }
```

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

```
.background{ background-color:#FB9FBF }
```

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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