

# Converting Colors

Decimal(16749502)

Have a look what the booklet for  
Decimal(16749502) contains.

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# **Color**

**Decimal(16749502)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF93BE
RGB	255, 147, 190
RGB Percent	100%, 58%, 75%
CMY	0.0000, 0.4235, 0.2549
CMYK	0.00, 0.42, 0.25, 0.00
HSL	336°, 100%, 79%
HSV	336°, 42%, 100%
XYZ	60.9680, 45.8451, 54.3508
YIQ	184.1940, 50.5650, 36.2690

# Conversions

## Conversions Part 2

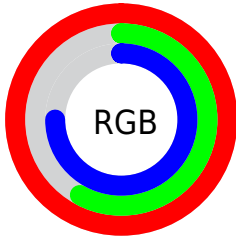
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 147, 190
Decimal	16749502
CIE Lab	73.44, 45.67, -4.44
CIE LCh	73, 45.889, 354.452
Yxy	45.8451, 0.3783, 0.2845
Android (android.graphics.Color)	4294939582 (0xFFFF93BE)
YUV	184.1940, 2.8624, 62.0969
Hunter-Lab	67.7090, 42.2379, -0.1964

# Details

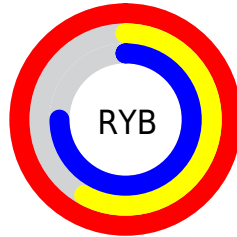
The Decimal color **16749502** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9699284**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16763894**, and **12869257** is the 20% darker color. If you saturate the color by 10%, you get **16743087**, and if you desaturate by 10%, it is **16755917**.

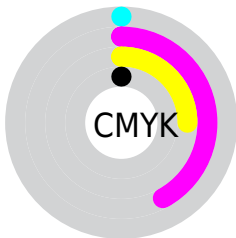
# Distribution



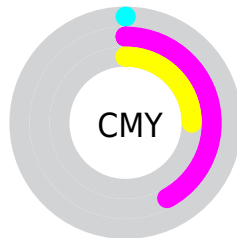
- Red (100%)
- Green (58%)
- Blue (75%)



- Red (100%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (42%)
- Yellow (25%)
- Black (0%)
















- Cyan (0%)
- Magenta (42%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16749502 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 16749502 by changing the saturation by 10% instead.



 16749502	 16749502
16777215	 14776483
 16763894	 12869257
 16771327	 10961775
	 9119831
	 7341632
	 5570602
	 3866646
	 2031617
	 0

 16749502

 16749502

 16743087

 16755917

 16736415

 16762589

 16729744

 16769260

 16723329

 16775675

 16716657

16777215

 16711782

# Harmonies

## Analogous

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



14851558



16749502



16749972

# Triad

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



16749502



11320422



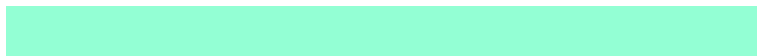
50680

# Complementary

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



16749502



9699284

# 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.



51926



16749502



8045954

# Square

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



16749502



14069599



3459755



6339583

# Rectangle

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



16749502



16555131



3459755



51182



# Sweetspot

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



16749502



16768747



13931519



8416115



0



8421504



# Same Dimension

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



16749502



16743857



16752275



8418168



12517452



4194329



# Inverse Universe

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



16749502



16743857



9696511



8418168



12517452



4194329



# Previews

## White Background



This preview shows how the Decimal color 16749502 looks on a white background.

## Color Contrast Check

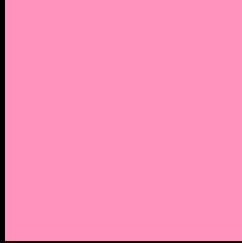
Large Text (above 18pt) WCAG AA × Fail

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 16749502 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 16749502 Background



This preview shows how black text looks on a background with the Decimal color 16749502.




This preview shows how white text looks on a background with the Decimal color 16749502.

# 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**  
16554147

# Trichromacy



**Original Color**  
16749502



**Protanomaly**  
13412299



**Deuteranomaly**  
14263739

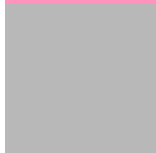


**Tritanomaly**  
16619181

# Monochromacy



**Original Color**  
16749502



**Achromatopsia**  
12105912



**Achromatomaly**  
13806522

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16749502 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 #FF93BE looks like.

```
.text, #text, p{  
    color:#FF93BE  
}
```

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 #FF93BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF93BE
}
```

## Border

The CSS property to change the border of an element to Decimal 16749502 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
#FF93BE }
```

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

```
.border{ border-color:#FF93BE }
```

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

Here you see how a box with a 4 pixel #FF93BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF93BE; -webkit-box-shadow:4px 4px  
4px 4px #FF93BE; box-shadow:4px 4px 4px  
4px #FF93BE }
```

# Background

The CSS property to change the background color of an element to Decimal 16749502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF93BE }
```

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

```
.background{ background-color:#FF93BE }
```

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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