

Converting Colors

Decimal(16749727)

Have a look what the booklet for
Decimal(16749727) contains.

Decimal(16749727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16749727)

Conversions

Conversions Part 1

Format	Color
Hex	FF949F
RGB	255, 148, 159
RGB Percent	100%, 58%, 62%
CMY	0.0000, 0.4196, 0.3765
CMYK	0.00, 0.42, 0.38, 0.00
HSL	354°, 100%, 79%
HSV	354°, 42%, 100%
XYZ	58.0879, 44.9430, 38.4142
YIQ	181.2470, 60.2410, 26.1050

Conversions

Conversions Part 2

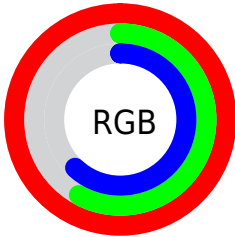
Format	Color
R _Y B	255, 148, 159
Decimal	16749727
CIE Lab	72.85, 41.32, 11.88
CIE LCh	73, 42.992, 16.036
Yxy	44.9430, 0.4107, 0.3177
Android (android.graphics.Color)	4294939807 (0xFFFF949F)
YUV	181.2470, -10.9678, 64.6814
Hunter-Lab	67.0395, 37.3461, 12.9540

Details

The Decimal color **16749727** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9764852**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16763862**, and **12803948** is the 20% darker color. If you saturate the color by 10%, you get **16743304**, and if you desaturate by 10%, it is **16756406**.

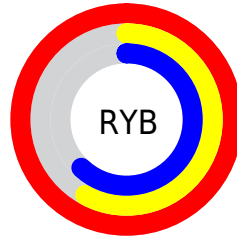
Distribution



Red (100%)

Green (58%)

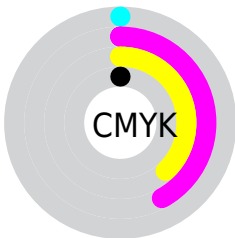
Blue (62%)



Red (100%)

Yellow (58%)

Blue (62%)

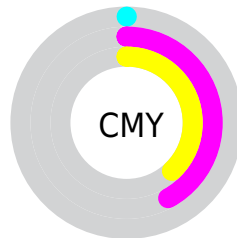


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (0%)



Cyan (0%)














Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16749727 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 16749727 by changing the saturation by 10% instead.

 16749727	 16749727
16777215	 14776709
 16763862	 12803948
 16771314	 10896724
	 9055037
	 7212583
	 5373971
	 3735552
	 1507328
	 0

 16749727

 16749727

 16743304

 16756406

 16736625

 16762829

 16730202

 16769508

 16723523

 16775931

 16717101

16777215

 16711706

Harmonies

Analogous

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



15963847



16749727



16162172

Triad

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



16749727



9159035



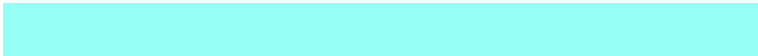
5356799

Complementary

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



16749727



9764852

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.



50410



16749727



5621406

Square

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



16749727



12040037



51399



10203134

Rectangle

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



16749727



15115627



51399



3129338

Sweetspot

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



16749727



16768737



15963391



8416109



0



8421504

Same Dimension

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



16749727



16744589



16760212



8418164



12517396



4194311

Inverse Universe

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



16749727



16744589



9754367



8418164



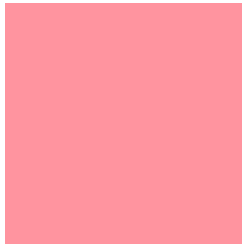
12517396



4194311

Previews

White Background



This preview shows how the Decimal color 16749727 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 16749727 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 16749727 Background



This preview shows how black text looks on a background with the Decimal color 16749727.



This preview shows how white text looks on a background with the Decimal color 16749727.

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



Original Color
16749727

Protanopia
12038831

Deuteranopia
13479323



Tritanopia
16749727

Trichromacy



Original Color
16749727



Protanomaly
13739945



Deuteranomaly
14656668



Tritanomaly
16749727

Monochromacy



Original Color
16749727



Achromatopsia
11908533



Achromatomaly
13674925

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16749727 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 #FF949F looks like.

```
.text, #text, p{  
    color:#FF949F  
}
```

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 #FF949F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF949F
}
```

Border

The CSS property to change the border of an element to Decimal 16749727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

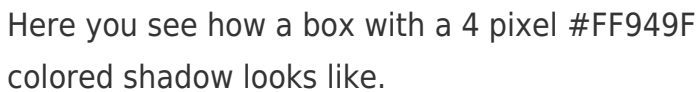
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF949F }
```

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

```
.border{ border-color:#FF949F }
```

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



Here you see how a box with a 4 pixel #FF949F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF949F; -webkit-box-shadow:4px 4px  
4px 4px #FF949F; box-shadow:4px 4px 4px  
4px #FF949F }
```

Background

The CSS property to change the background color of an element to Decimal 16749727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF949F }
```

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

```
.background{ background-color:#FF949F }
```

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