

Converting Colors

Decimal(16749941)

Have a look what the booklet for
Decimal(16749941) contains.

Decimal(16749941)	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(16749941)

Conversions

Conversions Part 1

Format	Color
Hex	FF9575
RGB	255, 149, 117
RGB Percent	100%, 58%, 46%
CMY	0.0000, 0.4157, 0.5412
CMYK	0.00, 0.42, 0.54, 0.00
HSL	14°, 100%, 73%
HSV	14°, 54%, 100%
XYZ	55.1983, 44.0392, 22.4208
YIQ	177.0460, 73.4480, 12.5200

Conversions

Conversions Part 2

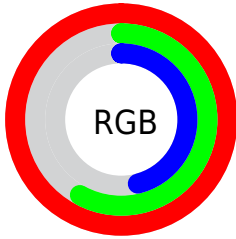
Format	Color
RYB	255, 159, 117
Decimal	16749941
CIELab	72.25, 36.75, 34.06
CIElCh	72, 50.106, 42.826
Yxy	44.0392, 0.4537, 0.3620
Android (android.graphics.Color)	4294940021 (0xFFFF9575)
YUV	177.0460, -29.6027, 68.3657
Hunter-Lab	66.3621, 32.3383, 26.4220

Details

The Decimal color **16749941** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7725055**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16764073**, and **12738884** is the 20% darker color. If you saturate the color by 10%, you get **16744795**, and if you desaturate by 10%, it is **16755087**.

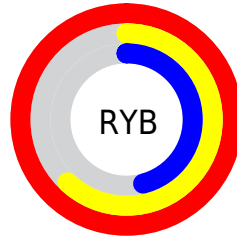
Distribution



Red (100%)

Green (58%)

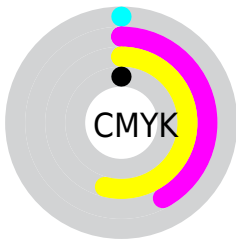
Blue (46%)



Red (100%)

Yellow (62%)

Blue (46%)

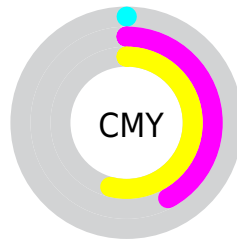


Cyan (0%)

Magenta (42%)

Yellow (54%)

Black (0%)



Cyan (0%)















Magenta (42%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16749941 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 16749941 by changing the saturation by 10% instead.

 16749941	 16749941
16777215	 14711388
 16764073	 12738884
 16771525	 10766125
 16777185	 8859159
16777214	 6951936
	 5111808
	 3407872
	 589824
	 0

16749941

16749941

16744795

16755087

16739906

16759976

16734760

16765122

16729871

16770011

16726784

16775156

16777215

Harmonies

Analogous

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



16747423



16749941



14919001

Triad

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



16749941



4310933



9023487

Complementary

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



16749941



7725055

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.



48639



16749941



51652

Square

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



16749941



8896620



50926



13541109

Rectangle

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



16749941



13217875



50926



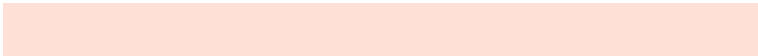
6993407

Sweetspot

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



16749941



16769238



16741857



8416615



0



8421504

Same Dimension

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



16749941



16744537



16767093



8418931



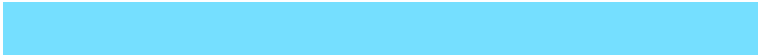
12528640



4198144

Inverse Universe

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



7725055



5888511



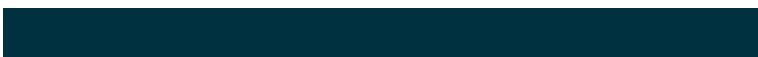
7707903



7568768



37823



12608

Previews

White Background



This preview shows how the Decimal color 16749941 looks on a white background.

Color Contrast Check

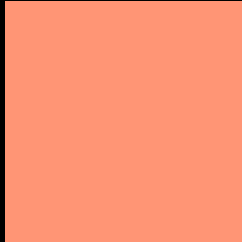
Large Text (above 18pt) WCAG AA × Fail

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 16749941 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 16749941 Background



This preview shows how black text looks on a background with the Decimal color 16749941.

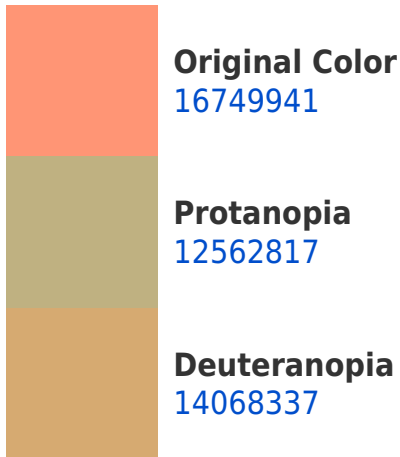


This preview shows how white text looks on a background with the Decimal color 16749941.

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





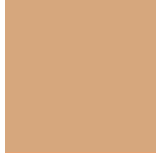
Tritanopia
16748955

Trichromacy



Original Color

16749941



Protanomaly

14067581



Deuteranomaly

15049330



Tritanomaly

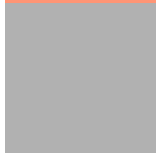
16749197

Monochromacy



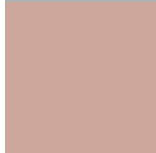
Original Color

16749941



Achromatopsia

11645361



Achromatomaly

13477787

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16749941 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 #FF9575 looks like.

```
.text, #text, p{  
    color:#FF9575  
}
```

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 #FF9575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9575
}
```

Border

The CSS property to change the border of an element to Decimal 16749941 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
#FF9575 }
```

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

```
.border{ border-color:#FF9575 }
```

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

Here you see how a box with a 4 pixel #FF9575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9575; -webkit-box-shadow:4px 4px  
4px 4px #FF9575; box-shadow:4px 4px 4px  
4px #FF9575 }
```

Background

The CSS property to change the background color of an element to Decimal 16749941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9575 }
```

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

```
.background{ background-color:#FF9575 }
```

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