

# Converting Colors

Decimal(16750012)

Have a look what the booklet for  
Decimal(16750012) contains.

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# **Color**

**Decimal(16750012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF95BC
RGB	255, 149, 188
RGB Percent	100%, 58%, 74%
CMY	0.0000, 0.4157, 0.2627
CMYK	0.00, 0.42, 0.26, 0.00
HSL	338°, 100%, 79%
HSV	338°, 42%, 100%
XYZ	61.0645, 46.3857, 53.3118
YIQ	185.1400, 50.6570, 34.6010

# Conversions

## Conversions Part 2

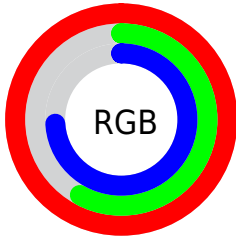
Format	Color
R <sub>Y</sub> B	255, 149, 188
Decimal	16750012
CIE Lab	73.80, 44.39, -2.82
CIE LCh	74, 44.481, 356.371
Yxy	46.3857, 0.3798, 0.2885
Android (android.graphics.Color)	4294940092 (0xFFFF95BC)
YUV	185.1400, 1.4100, 61.2672
Hunter-Lab	68.1071, 40.8551, 1.2648

# Details

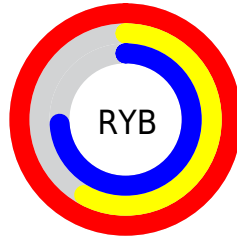
The Decimal color **16750012** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9830360**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16764404**, and **12869767** is the 20% darker color. If you saturate the color by 10%, you get **16743596**, and if you desaturate by 10%, it is **16756684**.

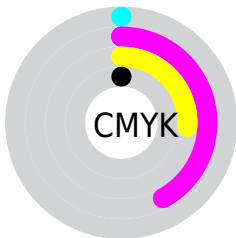
# Distribution



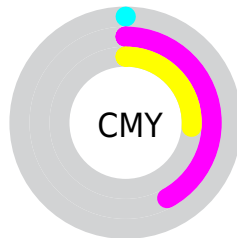
- Red (100%)
- Green (58%)
- Blue (74%)



- Red (100%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (0%)
















- Cyan (0%)
- Magenta (42%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16750012 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 16750012 by changing the saturation by 10% instead.



 16750012	 16750012
16777215	 14776993
 16764404	 12869767
 16771839	 10962542
	 9120597
	 7343166
	 5570600
	 3866644
	 2031617
	 0

 16750012

 16750012

 16743596

 16756684

 16736924

 16763100

 16730508

 16769772

 16723836

 16776188

 16717419

16777215

 16711774

# Harmonies

## Analogous

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



14982883



16750012



16750483

# Triad

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



16750012



11255402



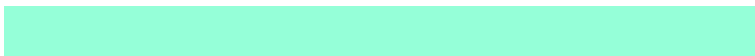
50680

# Complementary

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



16750012



9830360

# 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.



51928



16750012



8046215

# Square

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



16750012



13939043



3721903



7060479

# Rectangle

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



16750012



16424572



3721903



51183



# Sweetspot

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



16750012



16769260



14063103



8416884



0



8421504



# Same Dimension

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



16750012



16744622



16753045



8418167



12517446



4194327



# Inverse Universe

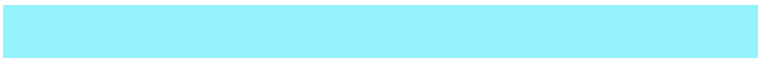
The Inverse Universe completely reimagines the original color for something new.



16750012



16744622



9827327



8418167



12517446

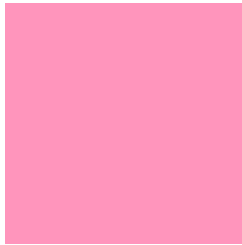


4194327



# Previews

## White Background



This preview shows how the Decimal color 16750012 looks on a white background.

## Color Contrast Check

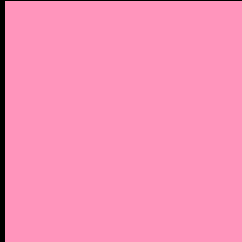
Large Text (above 18pt) WCAG AA × Fail

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 16750012 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 16750012 Background



This preview shows how black text looks on a background with the Decimal color 16750012.




This preview shows how white text looks on a background with the Decimal color 16750012.

# 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**  
16619941

# Trichromacy



**Original Color**  
16750012



**Protanomaly**  
13478344



**Deuteranomaly**  
14395065



**Tritanomaly**  
16685229

# Monochromacy



**Original Color**  
16750012



**Achromatopsia**  
12171705



**Achromatomaly**  
13806778

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16750012 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 #FF95BC looks like.

```
.text, #text, p{  
  color:#FF95BC  
}
```

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 #FF95BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF95BC
}
```

## Border

The CSS property to change the border of an element to Decimal 16750012 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
#FF95BC }
```

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

```
.border{ border-color:#FF95BC }
```

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

Here you see how a box with a 4 pixel #FF95BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF95BC; -webkit-box-shadow:4px 4px  
4px 4px #FF95BC; box-shadow:4px 4px 4px  
4px #FF95BC }
```

# Background

The CSS property to change the background color of an element to Decimal 16750012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF95BC }
```

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

```
.background{ background-color:#FF95BC }
```

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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