

# Converting Colors

Decimal(16685264)

Have a look what the booklet for  
Decimal(16685264) contains.

<b>Decimal(16685264)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16685264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE98D0
RGB	254, 152, 208
RGB Percent	100%, 60%, 82%
CMY	0.0039, 0.4039, 0.1843
CMYK	0.00, 0.40, 0.18, 0.00
HSL	327°, 98%, 80%
HSV	327°, 40%, 100%
XYZ	63.4865, 48.0814, 65.6090
YIQ	188.8820, 42.8160, 39.0400

# Conversions

## Conversions Part 2

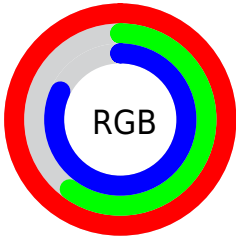
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 152, 208
Decimal	16685264
CIELab	74.88, 45.36, -12.24
CIElCh	75, 46.985, 344.896
Yxy	48.0814, 0.3583, 0.2714
Android (android.graphics.Color)	4294875344 (0xFFFE98D0)
YUV	188.8820, 9.4252, 57.1085
Hunter-Lab	69.3407, 42.0834, -7.5607

# Details

The Decimal color **16685264** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **10026694**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16765183**, and **12804762** is the 20% darker color. If you saturate the color by 10%, you get **16678853**, and if you desaturate by 10%, it is **16691675**.

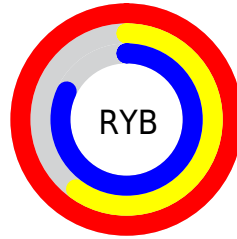
# Distribution



Red (100%)

Green (60%)

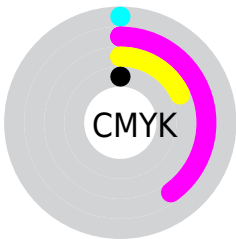
Blue (82%)



Red (100%)

Yellow (60%)

Blue (82%)

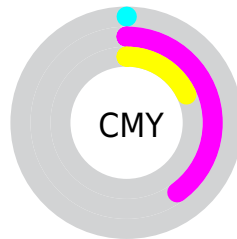


Cyan (0%)

Magenta (40%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (40%)














Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16685264 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 16685264 by changing the saturation by 10% instead.



 16685264	 16685264
16777215	 14712244
 16765183	 12804762
 16772607	 10963072
	 9121383
	 7344206
	 5636152
	 3932194
	 2359305
	 0

 16685264

 16685264

 16678853

 16691675

 16672185

 16698343

 16665774

 16704754

 16659106

 16711422

 16652695

 16711679

 16646283

# Harmonies

## Analogous

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



14198262



16685264



16750244

# Triad

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



16685264



12500322



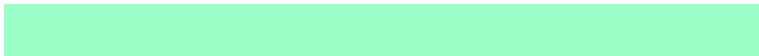
52468

# Complementary

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



16685264



10026694

# 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.



53197



16685264



9357177

# Square

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



16685264



15117924



5295520



4113407

# Rectangle

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



16685264



16751497



5295520



52712



# Sweetspot

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



16685264



16769265



13015294



8416887



0



8421504



# Same Dimension

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



16685264



16745928



16685213



8418170



12517481



4194339



# Inverse Universe

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



16685264



16745928



10026745



8418170



12517481

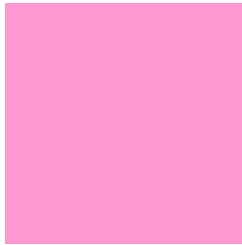


4194339



# Previews

## White Background



This preview shows how the Decimal color 16685264 looks on a white background.

## Color Contrast Check

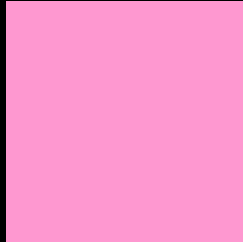
Large Text (above 18pt) WCAG AA × Fail

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 16685264 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 16685264 Background



This preview shows how black text looks on a background with the Decimal color 16685264.



This preview shows how white text looks on a background with the Decimal color 16685264.

# 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**  
16424875

# Trichromacy



**Original Color**

16685264



**Protanomaly**

13348061



**Deuteranomaly**

14199501



**Tritanomaly**

16489656

# Monochromacy



**Original Color**

16685264



**Achromatopsia**

12434877



**Achromatomaly**

14004420

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16685264 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 #FE98D0 looks like.

```
.text, #text, p{  
    color:#FE98D0  
}
```

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 #FE98D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE98D0  
}
```

## Border

The CSS property to change the border of an element to Decimal 16685264 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  
#FE98D0 }
```

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

```
.border{ border-color:#FE98D0 }
```

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

Here you see how a box with a 4 pixel #FE98D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE98D0; -webkit-box-shadow:4px 4px  
4px 4px #FE98D0; box-shadow:4px 4px 4px  
4px #FE98D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16685264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE98D0 }
```

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

```
.background{ background-color:#FE98D0 }
```

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