

# Converting Colors

Decimal(16769000)

Have a look what the booklet for  
Decimal(16769000) contains.

<b>Decimal(16769000)</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(16769000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDFE8
RGB	255, 223, 232
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1255, 0.0902
CMYK	0.00, 0.13, 0.09, 0.00
HSL	343°, 100%, 94%
HSV	343°, 13%, 100%
XYZ	82.1932, 79.8615, 87.4267
YIQ	233.5940, 16.1830, 9.5830

# Conversions

## Conversions Part 2

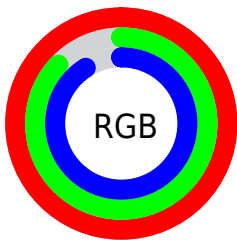
Format	Color
R <sub>Y</sub> B	255, 223, 232
Decimal	16769000
CIE Lab	91.62, 12.47, -0.33
CIE LCh	92, 12.474, 358.464
Yxy	79.8615, 0.3295, 0.3201
Android (android.graphics.Color)	4294959080 (0xFFFFDFE8)
YUV	233.5940, -0.7858, 18.7731
Hunter-Lab	89.3653, 7.7850, 4.5519

# Details

The Decimal color **16769000** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **14680054**, and the grayscale version is **15395562**.

A 20% lighter version of the original color is **16777215**, and **13019312** is the 20% darker color. If you saturate the color by 10%, you get **16762582**, and if you desaturate by 10%, it is **16775674**.

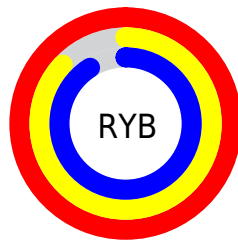
# Distribution



Red (100%)

Green (87%)

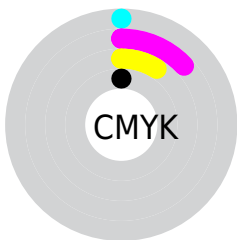
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)

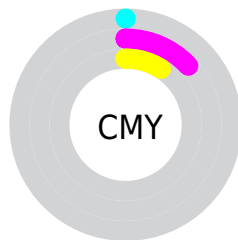


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16769000 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 16769000 by changing the saturation by 10% instead.



 16769000

 16769000

16777215

 14861260

 13019312

 11242902

 9467004

 7756643

 6112075

 4533557

 3020832

 1835015

 16769000

 16769000

 16762582

 16775674

 16755907

16777215

 16749489

 16742815

 16736396

 16729722

 16723304

 16716629

 16711752

# Harmonies

## Analogous

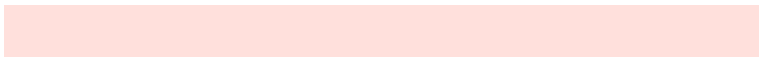
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16179700



16769000



16769244

# Triad

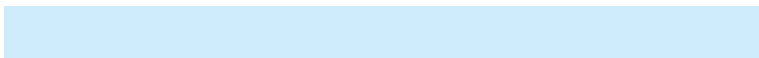
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16769000



15002322



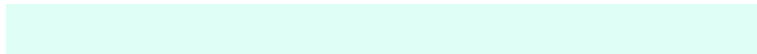
13561083

# Complementary

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



16769000



14680054

# 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.



13233906



16769000



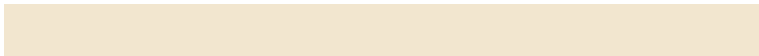
14151130

# Square

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



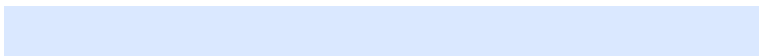
16769000



15918799



13496038



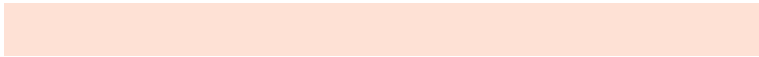
14346495

# Rectangle

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



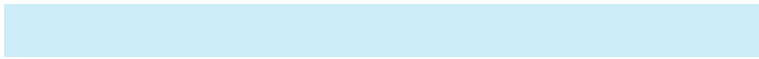
16769000



16703957



13496038



13430264



# Sweetspot

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



16769000



16774648



16179199



8419707



0



8421504



# Same Dimension

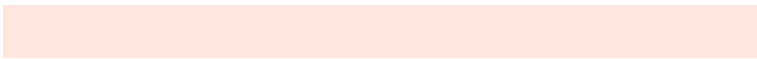
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16769000



16767460



16770783



8418166



12517430



4194322



# Inverse Universe

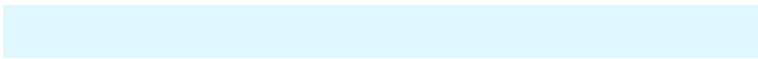
The Inverse Universe completely reimagines the original color for something new.



16769000



16767460



14678271



8418166



12517430

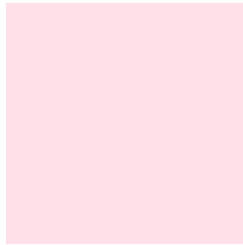


4194322



# Previews

## White Background



This preview shows how the Decimal color 16769000 looks on a white background.

## Color Contrast Check

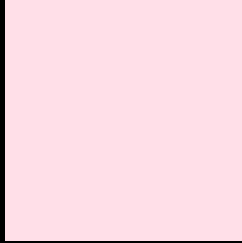
Large Text (above 18pt) WCAG AA × Fail

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 16769000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

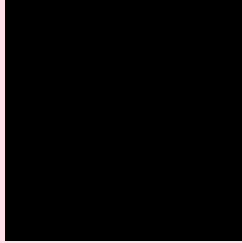
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16769000 Background



This preview shows how black text looks on a background with the Decimal color 16769000.

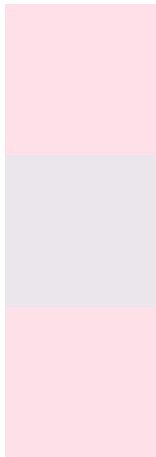


This preview shows how white text looks on a background with the Decimal color 16769000.

# 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**  
16769000

**Protanopia**  
15394540

**Deuteranopia**  
16638184



**Tritanopia**  
16768751

# Trichromacy



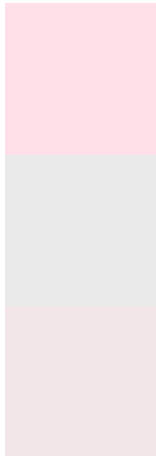
**Original Color**  
16769000

**Protanomaly**  
15918059

**Deuteranomaly**  
16703720

**Tritanomaly**  
16768748

# Monochromacy



**Original Color**  
16769000

**Achromatopsia**  
15395562

**Achromatomaly**  
15918825

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16769000 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 #FFDFE8 looks like.

```
.text, #text, p{  
    color:#FFDFE8  
}
```

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 #FFDFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDFE8
}
```

## Border

The CSS property to change the border of an element to Decimal 16769000 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
#FFDFE8 }
```

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

```
.border{ border-color:#FFDFE8 }
```

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

Here you see how a box with a 4 pixel #FFDFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDFE8; -webkit-box-shadow:4px 4px  
4px 4px #FFDFE8; box-shadow:4px 4px 4px  
4px #FFDFE8 }
```

# Background

The CSS property to change the background color of an element to Decimal 16769000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDFE8 }
```

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

```
.background{ background-color:#FFDFE8 }
```

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