

# Converting Colors

Decimal(16763849)

Have a look what the booklet for  
Decimal(16763849) contains.

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# **Color**

**Decimal(16763849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCBC9
RGB	255, 203, 201
RGB Percent	100%, 80%, 79%
CMY	0.0000, 0.2039, 0.2118
CMYK	0.00, 0.20, 0.21, 0.00
HSL	2°, 100%, 89%
HSV	2°, 21%, 100%
XYZ	73.1386, 68.1889, 64.5653
YIQ	218.3200, 31.6340, 10.4020

# Conversions

## Conversions Part 2

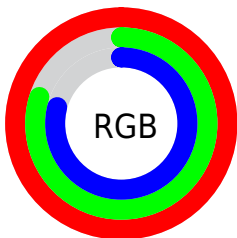
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 203, 201
Decimal	16763849
CIE Lab	86.10, 18.09, 8.01
CIE LCh	86, 19.787, 23.879
Yxy	68.1889, 0.3552, 0.3312
Android (android.graphics.Color)	4294953929 (0xFFFFCBC9)
YUV	218.3200, -8.5388, 32.1684
Hunter-Lab	82.5766, 13.5895, 11.4457

# Details

The Decimal color **16763849** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13237759**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777215**, and **13014419** is the 20% darker color. If you saturate the color by 10%, you get **16757424**, and if you desaturate by 10%, it is **16770275**.

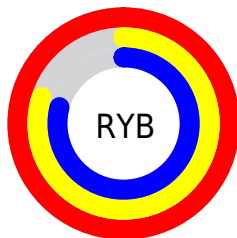
# Distribution



Red (100%)

Green (80%)

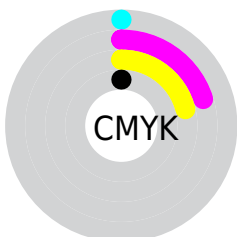
Blue (79%)



Red (100%)

Yellow (80%)

Blue (79%)

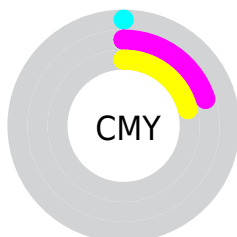


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16763849 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 16763849 by changing the saturation by 10% instead.



16763849

16763849

16777215

14856110

13014419

11172729

9396833

7621193

5976882

4332829

2819844

196608

 16763849

 16763849

 16757424

 16770275

 16751254

 16776444

 16744828

16777215

 16738659

 16732233

 16726064

 16719638

 16713984

# Harmonies

## Analogous

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



16501724



16763849



16371642

# Triad

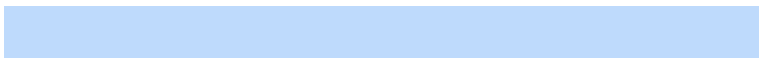
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16763849



12640449



12507900

# Complementary

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



16763849



13237759

# 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.



11263989



16763849



11461331

# Square

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



16763849



14080949



10937062



14079225

# Rectangle

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



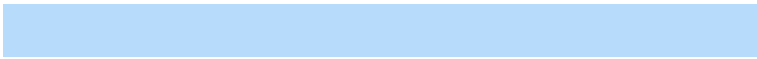
16763849



15782836



10937062



12049659

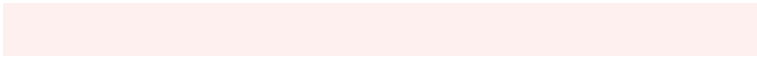


# Sweetspot

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



16763849



16773360



16763389



8419191



0



8421504



# Same Dimension

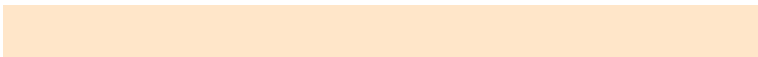
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16763849



16761535



16770761



8418163



12519168

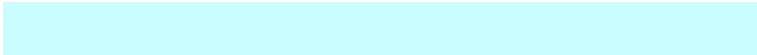


4194816



# Inverse Universe

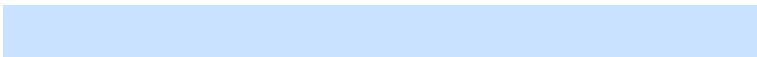
The Inverse Universe completely reimagines the original color for something new.



13237759



12582399



13230847



7569280



47295

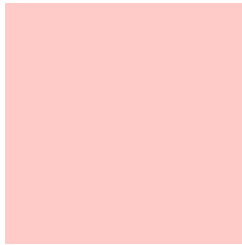


15680



# Previews

## White Background



This preview shows how the Decimal color 16763849 looks on a white background.

## Color Contrast Check

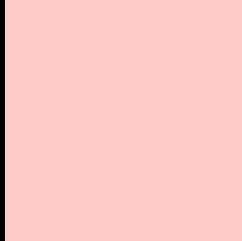
Large Text (above 18pt) WCAG AA × Fail

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 16763849 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 16763849 Background



This preview shows how black text looks on a background with the Decimal color 16763849.

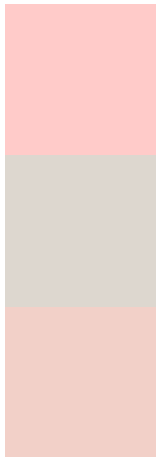


This preview shows how white text looks on a background with the Decimal color 16763849.

# 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**  
16763849

**Protanopia**  
14538703

**Deuteranopia**  
15913160



**Tritanopia**  
16763352

# Trichromacy



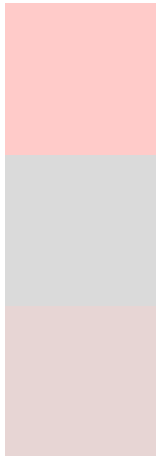
**Original Color**  
16763849

**Protanomaly**  
15324109

**Deuteranomaly**  
16240328

**Tritanomaly**  
16763603

# Monochromacy



**Original Color**  
16763849

**Achromatopsia**  
14342874

**Achromatomaly**  
15193556

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16763849 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 #FFCBC9 looks like.

```
.text, #text, p{  
    color:#FFCBC9  
}
```

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 #FFCBC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCBC9
}
```

## Border

The CSS property to change the border of an element to Decimal 16763849 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
#FFCBC9 }
```

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

```
.border{ border-color:#FFCBC9 }
```

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

Here you see how a box with a 4 pixel #FFCBC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCBC9; -webkit-box-shadow:4px 4px  
4px 4px #FFCBC9; box-shadow:4px 4px 4px  
4px #FFCBC9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16763849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCBC9 }
```

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

```
.background{ background-color:#FFCBC9 }
```

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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