

# Converting Colors

Decimal(16764096)

Have a look what the booklet for  
Decimal(16764096) contains.

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# **Color**

**Decimal(16764096)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFCCCC
RGB	255, 204, 192
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.2000, 0.2471
CMYK	0.00, 0.20, 0.25, 0.00
HSL	11°, 100%, 88%
HSV	11°, 25%, 100%
XYZ	72.3473, 68.2515, 59.2299
YIQ	217.8810, 34.2480, 7.0800

# Conversions

## Conversions Part 2

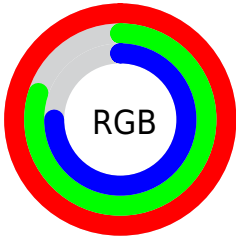
Format	Color
R <sub>Y</sub> B	255, 207, 192
Decimal	16764096
CIE Lab	86.13, 16.30, 12.83
CIE LCh	86, 20.742, 38.197
Yxy	68.2515, 0.3620, 0.3416
Android (android.graphics.Color)	4294954176 (0xFFFFCCC0)
YUV	217.8810, -12.7593, 32.5534
Hunter-Lab	82.6145, 11.7410, 15.3225

# Details

The Decimal color **16764096** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **12645375**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777208**, and **12949131** is the 20% darker color. If you saturate the color by 10%, you get **16758695**, and if you desaturate by 10%, it is **16769498**.

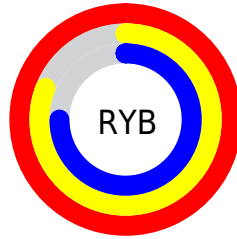
# Distribution



Red (100%)

Green (80%)

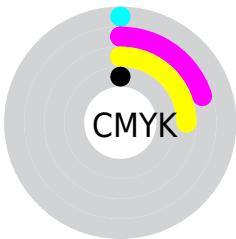
Blue (75%)



Red (100%)

Yellow (81%)

Blue (75%)

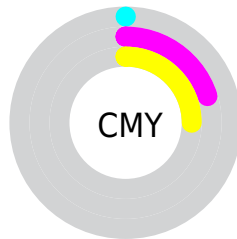


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16764096 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 16764096 by changing the saturation by 10% instead.



 16764096


 16764096

16777215

 14856357

 16777208

 12949131

 11172977

 9331545

 7621441

 5911595

 4267543

 2820096

 0

 16764096

 16764096

 16758695

 16769498

 16753549

 16774643

 16748148

16777215

 16742746

 16737601

 16732199

 16727054

 16724224

# Harmonies

## Analogous

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



16763603



16764096



16044468

# Triad

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



16764096



11985608



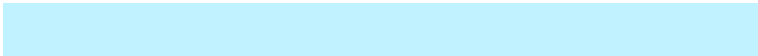
13162494

# Complementary

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



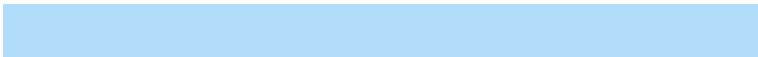
16764096



12645375

# 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.



11656699



16764096



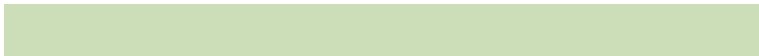
10937308

# Square

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



16764096



13360824



10805999



14864886

# Rectangle

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



16764096



15259312



10805999



12638974

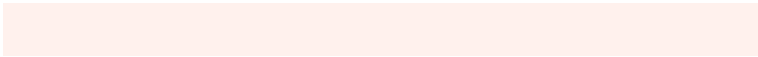


# Sweetspot

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



16764096



16773613



16761075



8419189



0



8421504



# Same Dimension

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



16764096



16761267



16772032



8418675



12526592

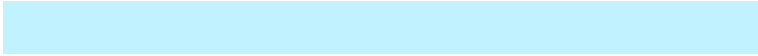


4197376

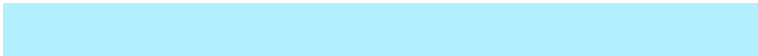


# Inverse Universe

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



12645375



11792639



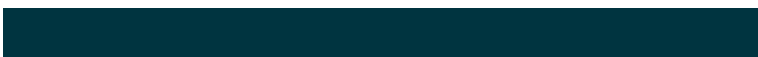
12637439



7568768



39871



13376



# Previews

## White Background



This preview shows how the Decimal color 16764096 looks on a white background.

## Color Contrast Check

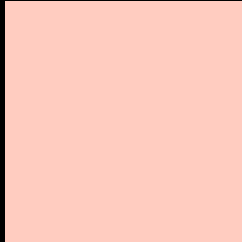
Large Text (above 18pt) WCAG AA × Fail

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 16764096 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 16764096 Background



This preview shows how black text looks on a background with the Decimal color 16764096.

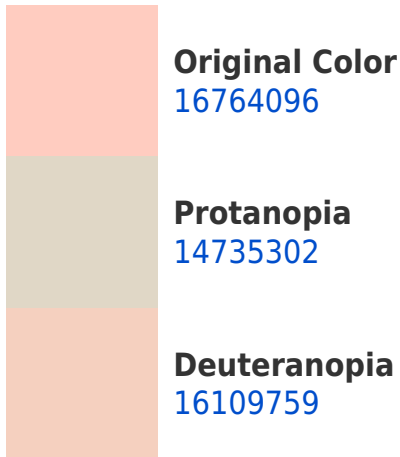


This preview shows how white text looks on a background with the Decimal color 16764096.

# 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](#).

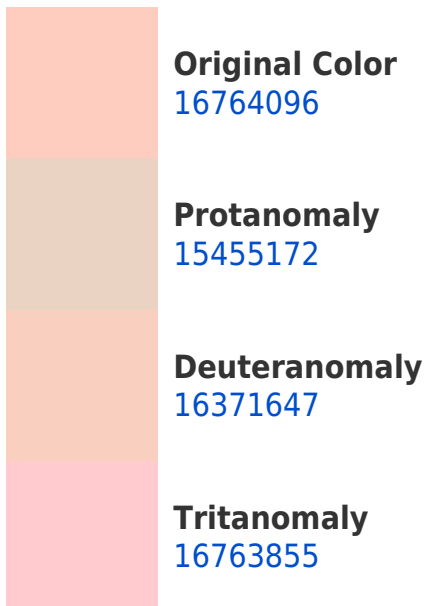
## Dichromacy





**Tritanopia**  
16763608

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16764096 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 #FFCCC0 looks like.

```
.text, #text, p{  
    color:#FFCCC0  
}
```

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 #FFCCC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCCC0
}
```

## Border

The CSS property to change the border of an element to Decimal 16764096 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
#FFCCC0 }
```

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

```
.border{ border-color:#FFCCC0 }
```

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

Here you see how a box with a 4 pixel #FFCCC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCCC0; -webkit-box-shadow:4px 4px  
4px 4px #FFCCC0; box-shadow:4px 4px 4px  
4px #FFCCC0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16764096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCCC0 }
```

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

```
.background{ background-color:#FFCCC0 }
```

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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