

# Converting Colors

Decimal(16765372)

Have a look what the booklet for  
Decimal(16765372) contains.

<b>Decimal(16765372)</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(16765372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD1BC
RGB	255, 209, 188
RGB Percent	100%, 82%, 74%
CMY	0.0000, 0.1804, 0.2627
CMYK	0.00, 0.18, 0.26, 0.00
HSL	19°, 100%, 87%
HSV	19°, 26%, 100%
XYZ	73.1176, 70.4918, 57.3295
YIQ	220.3600, 34.1570, 3.2210

# Conversions

## Conversions Part 2

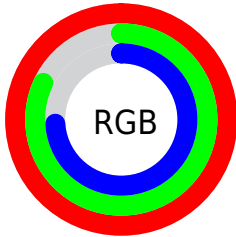
Format	Color
R <sub>Y</sub> B	255, 219, 188
Decimal	16765372
CIE Lab	87.24, 13.15, 16.50
CIE LCh	87, 21.097, 51.440
Yxy	70.4918, 0.3639, 0.3508
Android (android.graphics.Color)	4294955452 (0xFFFFD1BC)
YUV	220.3600, -15.9535, 30.3793
Hunter-Lab	83.9594, 8.5211, 18.2869

# Details

The Decimal color **16765372** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **12380927**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777204**, and **12950407** is the 20% darker color. If you saturate the color by 10%, you get **16760739**, and if you desaturate by 10%, it is **16770006**.

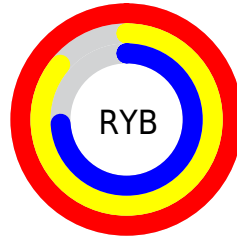
# Distribution



Red (100%)

Green (82%)

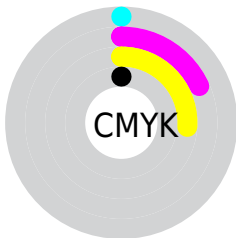
Blue (74%)



Red (100%)

Yellow (86%)

Blue (74%)

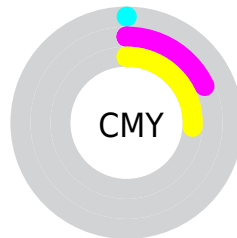


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16765372 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 16765372 by changing the saturation by 10% instead.



 16765372


 16765372

16777215

 14857633

 16777204

 12950407

 11173997

 9332565

 7622462

 5912616

 4268563

 2756096

 196608

 16765372

 16765372

 16760739

 16770006

 16756361

 16774383

 16751728

16777215

 16747350

 16742717

 16738339

 16733706

 16732160

# Harmonies

## Analogous

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



16764365



16765372



15783859

# Triad

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



16765372



11593428



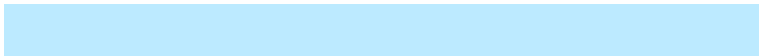
14145535

# Complementary

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



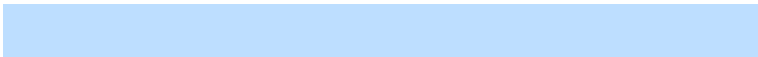
16765372



12380927

# 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.



12443391



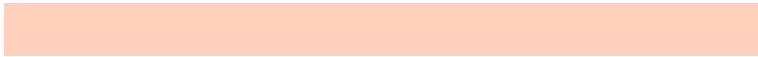
16765372



10872552

# Square

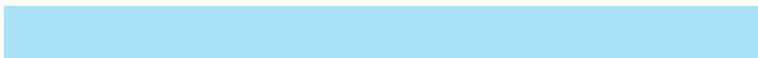
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16765372



12903361



11199481



15716852

# Rectangle

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



16765372



14867635



11199481



13556479

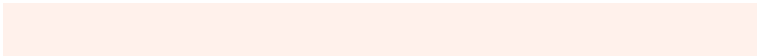


# Sweetspot

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



16765372



16773611



16760043



8419187



0



8421504



# Same Dimension

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



16765372



16762797



16773820



8419187



12532736

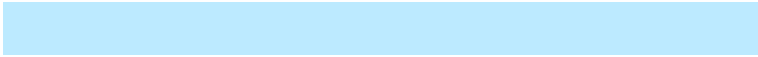


4199424

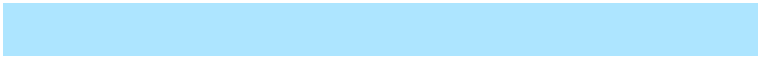


# Inverse Universe

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



12380927



11396607



12372479



7568512



33727



11328



# Previews

## White Background



This preview shows how the Decimal color 16765372 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 16765372 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 16765372 Background



This preview shows how black text looks on a background with the Decimal color 16765372.



This preview shows how white text looks on a background with the Decimal color 16765372.

# 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](#).

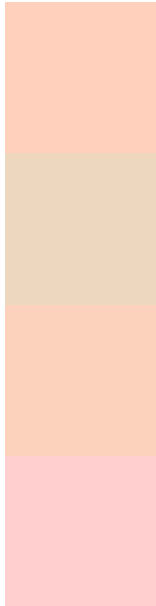
## Dichromacy





**Tritanopia**  
16764636

# Trichromacy



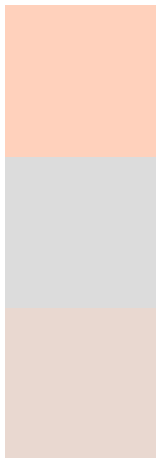
**Original Color**  
16765372

**Protanomaly**  
15652799

**Deuteranomaly**  
16569020

**Tritanomaly**  
16764880

# Monochromacy



**Original Color**  
16765372

**Achromatopsia**  
14474460

**Achromatomaly**  
15325392

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16765372 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 #FFD1BC looks like.

```
.text, #text, p{  
    color:#FFD1BC  
}
```

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 #FFD1BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD1BC
}
```

## Border

The CSS property to change the border of an element to Decimal 16765372 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
#FFD1BC }
```

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

```
.border{ border-color:#FFD1BC }
```

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

Here you see how a box with a 4 pixel #FFD1BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD1BC; -webkit-box-shadow:4px 4px  
4px 4px #FFD1BC; box-shadow:4px 4px 4px  
4px #FFD1BC }
```

# Background

The CSS property to change the background color of an element to Decimal 16765372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD1BC }
```

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

```
.background{ background-color:#FFD1BC }
```

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