

# Converting Colors

Decimal(16763603)

Have a look what the booklet for  
Decimal(16763603) contains.

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# **Color**

**Decimal(16763603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCAD3
RGB	255, 202, 211
RGB Percent	100%, 79%, 83%
CMY	0.0000, 0.2078, 0.1725
CMYK	0.00, 0.21, 0.17, 0.00
HSL	350°, 100%, 90%
HSV	350°, 21%, 100%
XYZ	74.1184, 68.2042, 70.8863
YIQ	218.8730, 28.6990, 14.0350

# Conversions

## Conversions Part 2

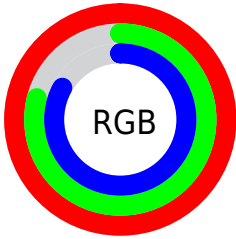
Format	Color
<a href="#">RYB</a>	<a href="#">255, 202, 211</a>
Decimal	<a href="#">16763603</a>
CIELab	<a href="#">86.11, 20.10, 2.71</a>
CIElCh	<a href="#">86, 20.280, 7.678</a>
Yxy	<a href="#">68.2042, 0.3476, 0.3199</a>
Android (android.graphics.Color)	<a href="#">4294953683</a> ( <a href="#">0xFFFFCAD3</a> )
YUV	<a href="#">218.8730, -3.8814, 31.6834</a>
Hunter-Lab	<a href="#">82.5858, 15.6734, 6.9194</a>

# Details

The Decimal color **16763603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13303798**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16777215**, and **13014173** is the 20% darker color. If you saturate the color by 10%, you get **16757182**, and if you desaturate by 10%, it is **16770024**.

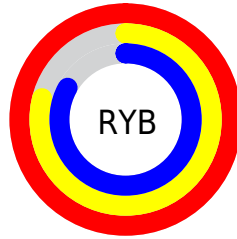
# Distribution



Red (100%)

Green (79%)

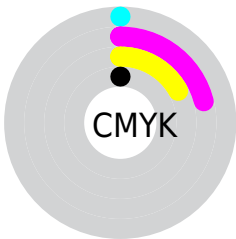
Blue (83%)



Red (100%)

Yellow (79%)

Blue (83%)

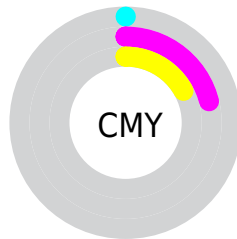


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16763603 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 16763603 by changing the saturation by 10% instead.




 16763603

 16763603

16777215

 14855863

 13014173

 11172483

 9396585

 7686481

 5976378

 4397861

 2884880

 589824

 16763603

 16763603

 16757182

 16770024

 16750505

 16776701

 16743827

16777215

 16737406

 16730985

 16724308

 16717887

 16711723

# Harmonies

## Analogous

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



16108774



16763603



16698561

# Triad

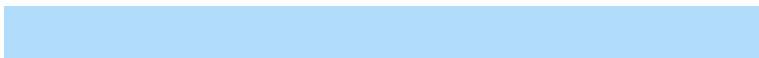
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16763603



13426105



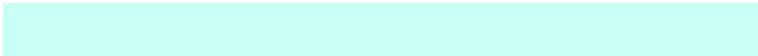
11656698

# Complementary

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



16763603



13303798

# 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.



10871278



16763603



12050888

# Square

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



16763603



14801073



11068380



13162493

# Rectangle

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



16763603



16306104



11068380



11329527



# Sweetspot

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



16763603



16773362



16108287



8419192



0



8421504



# Same Dimension

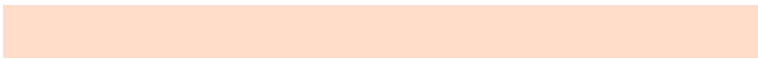
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16763603



16760778



16767946



8418165



12517408



4194315



# Inverse Universe

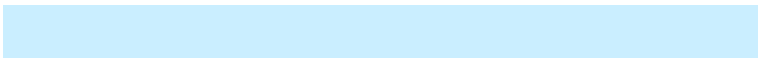
The Inverse Universe completely reimagines the original color for something new.



16763603



16760778



13299455



8418165



12517408



4194315



# Previews

## White Background



This preview shows how the Decimal color 16763603 looks on a white background.

## Color Contrast Check

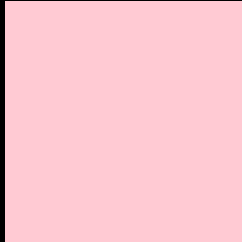
Large Text (above 18pt) WCAG AA × Fail

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 16763603 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 16763603 Background



This preview shows how black text looks on a background with the Decimal color 16763603.




This preview shows how white text looks on a background with the Decimal color 16763603.

# 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**  
16763353

# Trichromacy



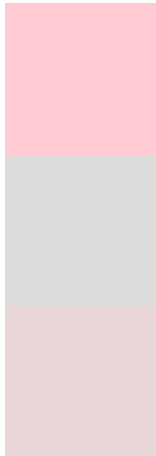
**Original Color**  
16763603

**Protanomaly**  
15258327

**Deuteranomaly**  
16109266

**Tritanomaly**  
16763351

# Monochromacy



**Original Color**  
16763603

**Achromatopsia**  
14408667

**Achromatomaly**  
15259096

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16763603 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 #FFCAD3 looks like.

```
.text, #text, p{  
    color:#FFCAD3  
}
```

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 #FFCAD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCAD3
}
```

## Border

The CSS property to change the border of an element to Decimal 16763603 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
#FFCAD3 }
```

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

```
.border{ border-color:#FFCAD3 }
```

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

Here you see how a box with a 4 pixel #FFCAD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCAD3; -webkit-box-shadow:4px 4px  
4px 4px #FFCAD3; box-shadow:4px 4px 4px  
4px #FFCAD3 }
```

# Background

The CSS property to change the background color of an element to Decimal 16763603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCAD3 }
```

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

```
.background{ background-color:#FFCAD3 }
```

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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