

# Converting Colors

Decimal(16764069)

Have a look what the booklet for  
Decimal(16764069) contains.

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# **Color**

**Decimal(16764069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCA5
RGB	255, 204, 165
RGB Percent	100%, 80%, 65%
CMY	0.0000, 0.2000, 0.3529
CMYK	0.00, 0.20, 0.35, 0.00
HSL	26°, 100%, 82%
HSV	26°, 35%, 100%
XYZ	69.6244, 67.1623, 44.8913
YIQ	214.8030, 42.9150, -1.3170

# Conversions

## Conversions Part 2

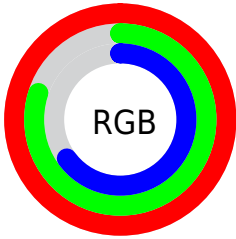
Format	Color
R <sub>Y</sub> B	255, 234, 165
Decimal	16764069
CIE Lab	85.59, 12.85, 26.29
CIE LCh	86, 29.267, 63.947
Yxy	67.1623, 0.3832, 0.3697
Android (android.graphics.Color)	4294954149 (0xFFFFCCA5)
YUV	214.8030, -24.5529, 35.2528
Hunter-Lab	81.9526, 8.2309, 24.8895

# Details

The Decimal color **16764069** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10868991**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777180**, and **12949105** is the 20% darker color. If you saturate the color by 10%, you get **16760460**, and if you desaturate by 10%, it is **16767679**.

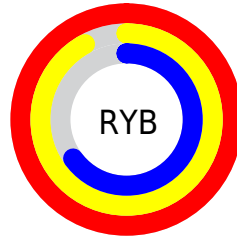
# Distribution



Red (100%)

Green (80%)

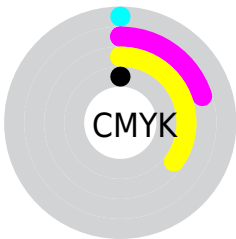
Blue (65%)



Red (100%)

Yellow (92%)

Blue (65%)

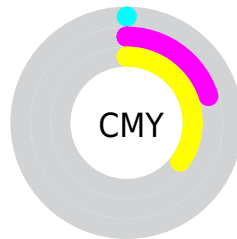


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16764069 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 16764069 by changing the saturation by 10% instead.



 16764069

 16764069

16777215

 14856587

 16777180

 12949105

 16777209

 11107416

 9265984

 7490346

 5780500

 4136704

 2492672

 0

16764069

16764069

16760460

16767679

16756594

16771544

16752985

16775154

16749119

16777215

16745510

16741644

16740096

# Harmonies

## Analogous

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



16762296



16764069



15193503

# Triad

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



16764069



9365209



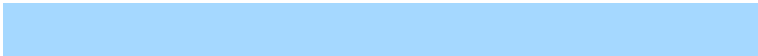
14667519

# Complementary

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



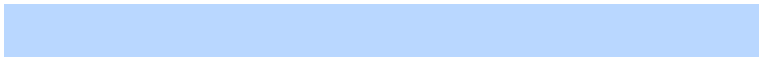
16764069



10868991

# 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.



12179455



16764069



8774900

# Square

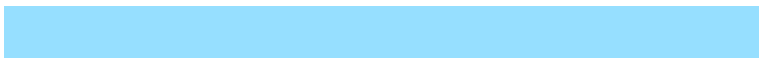
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16764069



11133885



9887743



16631279

# Rectangle

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



16764069



13884323



9887743



13881855

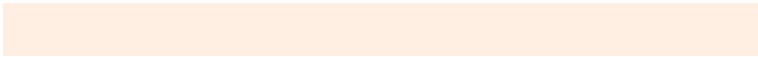


# Sweetspot

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



16764069



16773091



16754136



8418927



0



8421504



# Same Dimension

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



16764069



16761492



16775589



8419443



12538624

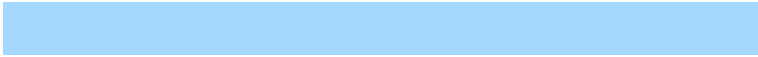


4201472

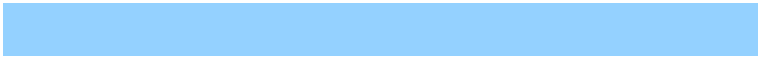


# Inverse Universe

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



10868991



9753087



10857471



7568000



27839



9280



# Previews

## White Background



This preview shows how the Decimal color 16764069 looks on a white background.

## Color Contrast Check

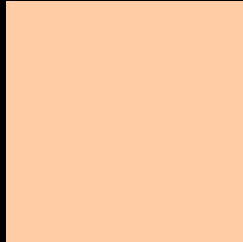
Large Text (above 18pt) WCAG AA × Fail

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 16764069 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

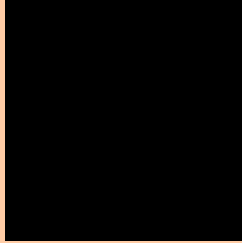
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16764069 Background



This preview shows how black text looks on a background with the Decimal color 16764069.



This preview shows how white text looks on a background with the Decimal color 16764069.

# 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**  
16763093

# Trichromacy



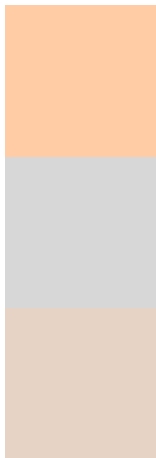
**Original Color**  
16764069

**Protanomaly**  
15651496

**Deuteranomaly**  
16567717

**Tritanomaly**  
16763332

# Monochromacy



**Original Color**  
16764069

**Achromatopsia**  
14145495

**Achromatomaly**  
15127493

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16764069 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 #FFCCA5 looks like.

```
.text, #text, p{  
    color:#FFCCA5  
}
```

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 #FFCCA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCCA5 } }
```

## Border

The CSS property to change the border of an element to Decimal 16764069 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 #FFCCA5 } }
```

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

```
.border{ border-color:#FFCCA5 }
```

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

Here you see how a box with a 4 pixel #FFCCA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCCA5; -webkit-box-shadow:4px 4px  
4px 4px #FFCCA5; box-shadow:4px 4px 4px  
4px #FFCCA5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16764069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCCA5 }
```

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

```
.background{ background-color:#FFCCA5 }
```

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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