

# Converting Colors

Decimal(16174021)

Have a look what the booklet for  
Decimal(16174021) contains.

|  |    |
|--|----|
| <b>Decimal(16174021)</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(16174021)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | F6CBC5                    |
| RGB         | 246, 203, 197             |
| RGB Percent | 96%, 80%, 77%             |
| CMY         | 0.0353, 0.2039, 0.2275    |
| CMYK        | 0.00, 0.17, 0.20, 0.04    |
| HSL         | 7°, 73%, 87%              |
| HSV         | 7°, 20%, 96%              |
| XYZ         | 69.4400, 66.3359, 61.9676 |
| YIQ         | 215.1730, 27.5540, 7.2500 |

# Conversions

## Conversions Part 2

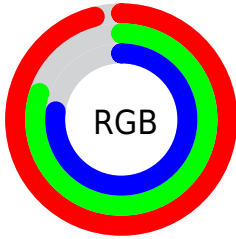
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 246, 204, 197                 |
| Decimal                             | 16174021                      |
| CIE Lab                             | 85.17, 14.26, 8.69            |
| CIE LCh                             | 85, 16.696, 31.345            |
| Yxy                                 | 66.3359, 0.3512,<br>0.3355    |
| Android<br>(android.graphics.Color) | 4294364101<br>(0xFFFF6CBC5)   |
| YUV                                 | 215.1730, -8.9593,<br>27.0353 |
| Hunter-Lab                          | 81.4469, 9.6536,<br>11.9030   |

# Details

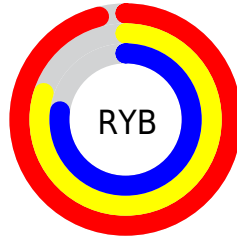
The Decimal color **16174021** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **12972278**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777214**, and **12424591** is the 20% darker color. If you saturate the color by 10%, you get **16168364**, and if you desaturate by 10%, it is **16179678**.

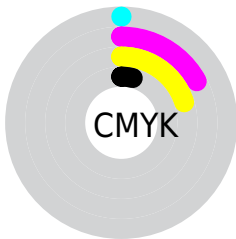
# Distribution



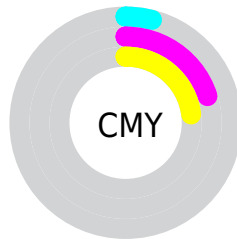
- Red (96%)
- Green (80%)
- Blue (77%)



- Red (96%)
- Yellow (80%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (4%)








- Cyan (4%)
- Magenta (20%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16174021 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 16174021 by changing the saturation by 10% instead.



|  |   |
|--|---|
|  16174021 |  16174021  |
| 16777215   |  14266538  |
| 16777214   |  12424591  |
|  |  10648438  |
|  |  8872541   |
|  |  7162437   |
|  |  5518127   |
|  |  3939866 |
|  |  2557696 |
|  |  0       |

 16174021

 16174021

 16168364

 16179678

 16162964

 16185078

 16157307

 16187391

 16151907

 16146250

 16140593

 16135193

 16129536

# Harmonies

## Analogous

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



16108245



16174021



15716282

# Triad

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



16174021



12442821



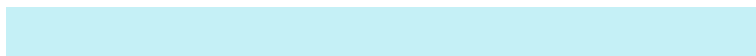
12965620

# Complementary

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



16174021



12972278

# 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.



11852528



16174021



11591381

# Square

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



16174021



13621690



11328997



14274800

# Rectangle

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



16174021



15127222



11328997



12507380

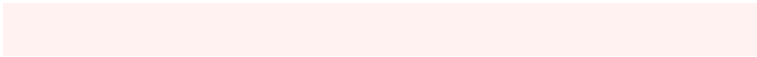


# Sweetspot

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



16174021



16773872



16172528



8419447



0



8421504



# Same Dimension

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



16174021



16763330



16180165



8024174



12195584



3868416

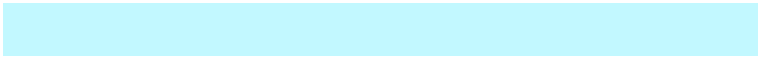


# Inverse Universe

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



12972278



12777727



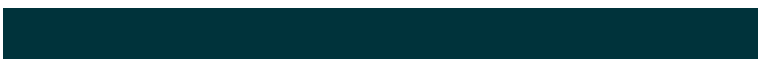
12966134



7240058



41914

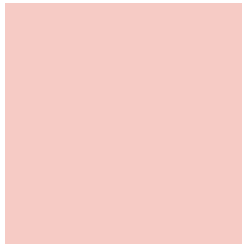


13115



# Previews

## White Background



This preview shows how the Decimal color 16174021 looks on a white background.

## Color Contrast Check

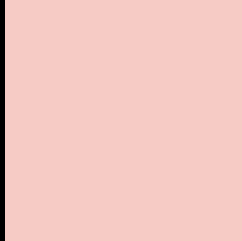
Large Text (above 18pt) WCAG AA × Fail

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 16174021 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

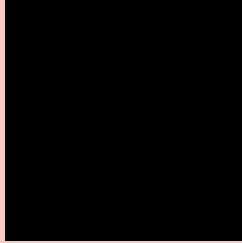
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16174021 Background



This preview shows how black text looks on a background with the Decimal color 16174021.



This preview shows how white text looks on a background with the Decimal color 16174021.

# 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**  
16304344

# Trichromacy



**Original Color**  
16174021

**Protanomaly**  
15061448

**Deuteranomaly**  
15912389

**Tritanomaly**  
16239057

# Monochromacy



**Original Color**  
16174021

**Achromatopsia**  
14145495

**Achromatomaly**  
14865360

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16174021 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 #F6CBC5 looks like.

```
.text, #text, p{  
    color:#F6CBC5  
}
```

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 #F6CBC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6CBC5
}
```

## Border

The CSS property to change the border of an element to Decimal 16174021 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
#F6CBC5 }
```

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

```
.border{ border-color:#F6CBC5 }
```

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

Here you see how a box with a 4 pixel #F6CBC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6CBC5; -webkit-box-shadow:4px 4px  
4px 4px #F6CBC5; box-shadow:4px 4px 4px  
4px #F6CBC5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16174021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6CBC5 }
```

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

```
.background{ background-color:#F6CBC5 }
```

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