

# Converting Colors

Decimal(16047321)

Have a look what the booklet for  
Decimal(16047321) contains.

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# **Color**

**Decimal(16047321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4DCD9
RGB	244, 220, 217
RGB Percent	96%, 86%, 85%
CMY	0.0431, 0.1373, 0.1490
CMYK	0.00, 0.10, 0.11, 0.04
HSL	7°, 55%, 90%
HSV	7°, 11%, 96%
XYZ	75.4258, 75.4292, 76.2296
YIQ	226.8340, 15.2670, 4.1550

# Conversions

## Conversions Part 2

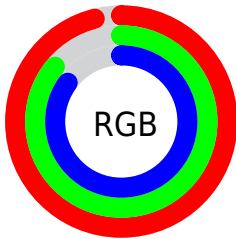
Format	Color
R <sub>Y</sub> B	244, 220, 217
Decimal	16047321
CIE Lab	89.59, 7.77, 4.47
CIE LCh	90, 8.959, 29.917
Yxy	75.4292, 0.3321, 0.3322
Android (android.graphics.Color)	4294237401 (0xFFF4DCD9)
YUV	226.8340, -4.8482, 15.0546
Hunter-Lab	86.8500, 3.0327, 8.7553

# Details

The Decimal color **16047321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **14283252**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777215**, and **12363170** is the 20% darker color. If you saturate the color by 10%, you get **16041665**, and if you desaturate by 10%, it is **16052977**.

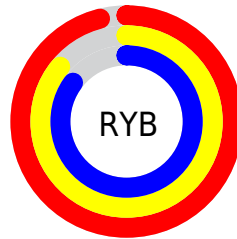
# Distribution



Red (96%)

Green (86%)

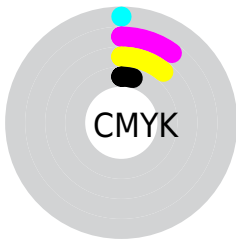
Blue (85%)



Red (96%)

Yellow (86%)

Blue (85%)

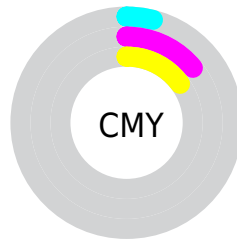


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16047321 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 16047321 by changing the saturation by 10% instead.



 16047321

 16047321

16777215

 14139581

 12363170

 10587016

 8810863

 7166294

 5521727

 4008745

 2561813

 983040

 16047321

 16047321

 16041665

 16052977

 16036264

 16056319

 16030608

 16024951

 16019551

 16013895

 16008238

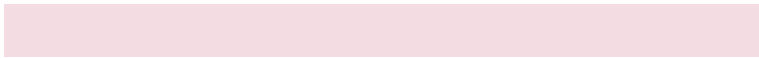
 16002582

 15997696

# Harmonies

## Analogous

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



15981794



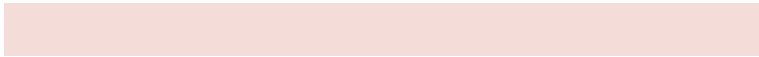
16047321



15785683

# Triad

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



16047321



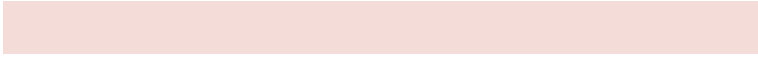
14018008



14279410

# Complementary

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



16047321



14283252

# 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.



13690096



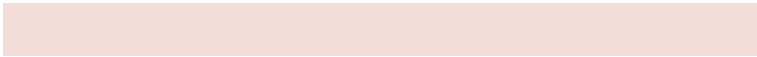
16047321



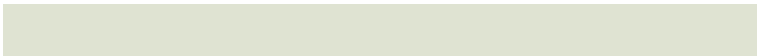
13559521

# Square

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



16047321



14672850



13428457



14934000

# Rectangle

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



16047321



15524049



13428457



14017522



# Sweetspot

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



16047321



16775415



16046577



8420218



0



8421504

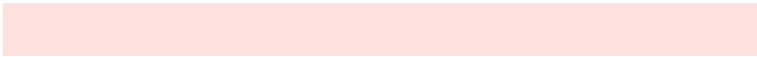


# Same Dimension

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



16047321



16769758



16050649



8024174



12195072

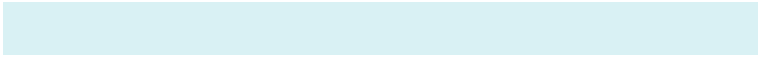


3868416

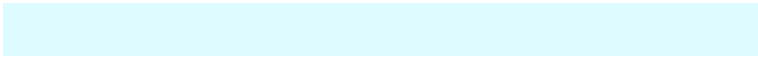


# Inverse Universe

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



14283252



14613503



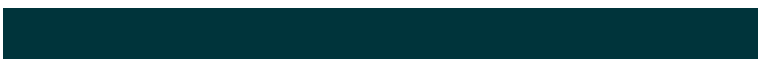
14279924



7240058



42426

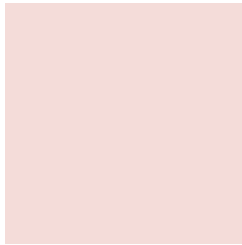


13371



# Previews

## White Background



This preview shows how the Decimal color 16047321 looks on a white background.

## Color Contrast Check

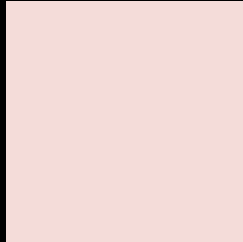
Large Text (above 18pt) WCAG AA × Fail

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 16047321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

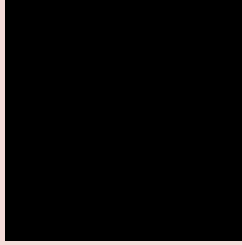
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

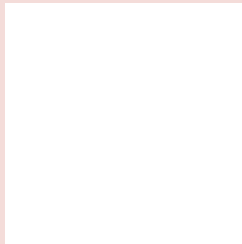
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16047321 Background



This preview shows how black text looks on a background with the Decimal color 16047321.

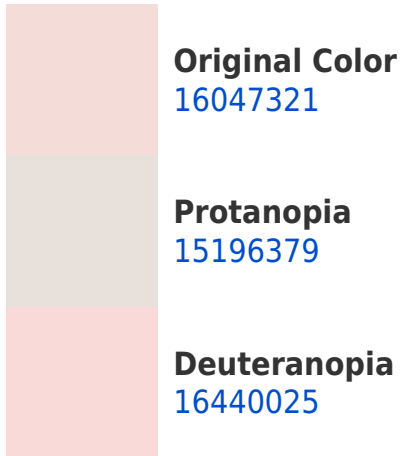



This preview shows how white text looks on a background with the Decimal color 16047321.

# 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**  
16177642

# Trichromacy



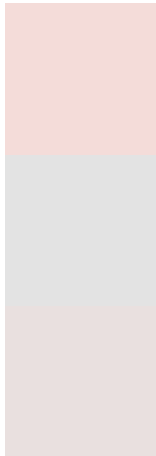
**Original Color**  
16047321

**Protanomaly**  
15523802

**Deuteranomaly**  
16309209

**Tritanomaly**  
16112356

# Monochromacy



**Original Color**  
16047321

**Achromatopsia**  
14935011

**Achromatomaly**  
15327455

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16047321 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 #F4DCD9 looks like.

```
.text, #text, p{  
    color:#F4DCD9  
}
```

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 #F4DCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4DCD9
}
```

## Border

The CSS property to change the border of an element to Decimal 16047321 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
#F4DCD9 }
```

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

```
.border{ border-color:#F4DCD9 }
```

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

Here you see how a box with a 4 pixel #F4DCD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4DCD9; -webkit-box-shadow:4px 4px  
4px 4px #F4DCD9; box-shadow:4px 4px 4px  
4px #F4DCD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16047321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4DCD9 }
```

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

```
.background{ background-color:#F4DCD9 }
```

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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