

# Converting Colors

Decimal(16112077)

Have a look what the booklet for  
Decimal(16112077) contains.

|  |    |
|--|----|
| <b>Decimal(16112077)</b> .....                 | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Decimal(16112077)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | F5D9CD                    |
| RGB         | 245, 217, 205             |
| RGB Percent | 96%, 85%, 80%             |
| CMY         | 0.0392, 0.1490, 0.1961    |
| CMYK        | 0.00, 0.11, 0.16, 0.04    |
| HSL         | 18°, 67%, 88%             |
| HSV         | 18°, 16%, 96%             |
| XYZ         | 73.4885, 73.4460, 68.0608 |
| YIQ         | 224.0040, 20.5400, 2.2040 |

# Conversions

## Conversions Part 2

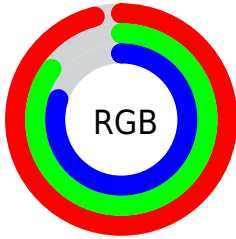
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 245, 222, 205                 |
| Decimal                             | 16112077                      |
| CIE Lab                             | 88.66, 7.79, 9.44             |
| CIE LCh                             | 89, 12.243, 50.471            |
| Yxy                                 | 73.4460, 0.3418,<br>0.3416    |
| Android<br>(android.graphics.Color) | 4294302157<br>(0xFFF5D9CD)    |
| YUV                                 | 224.0040, -9.3690,<br>18.4135 |
| Hunter-Lab                          | 85.7006, 3.0881,<br>12.9041   |

# Details

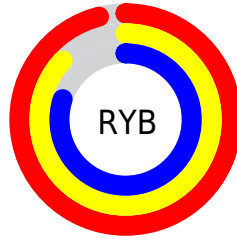
The Decimal color **16112077** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13494773**, and the grayscale version is **14737632**.

A 20% lighter version of the original color is **16777215**, and **12362391** is the 20% darker color. If you saturate the color by 10%, you get **16107700**, and if you desaturate by 10%, it is **16116454**.

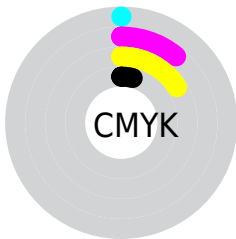
# Distribution



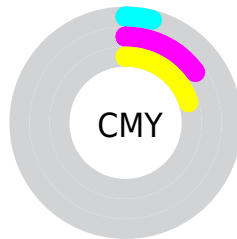
- Red (96%)
- Green (85%)
- Blue (80%)



- Red (96%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16112077 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 16112077 by changing the saturation by 10% instead.



16112077

16112077

16777215

14204338

12362391

10586237

8875876


7165516

5521205

4008224

2561033

327680

 16112077

 16112077

 16107700

 16116454

 16103324

 16120830

 16098948

 16121855

 16094315

 16089939

 16085562

 16081186

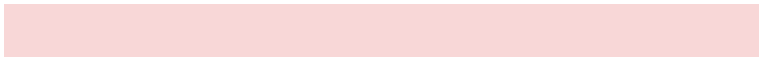
 16076809

 16075008

# Harmonies

## Analogous

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



16308183



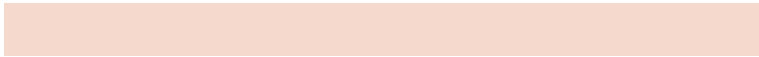
16112077



15523016

# Triad

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



16112077



13100506



14474740

# Complementary

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



16112077



13494773

# 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.



13558261



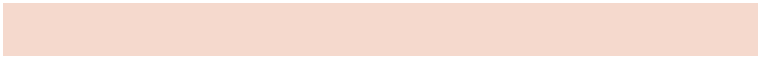
16112077



12772838

# Square

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



16112077



13821135



12903664



15391214

# Rectangle

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



16112077



14999496



12903664



14147317

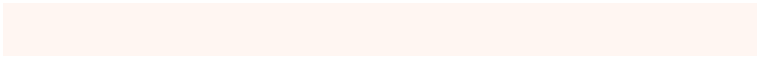


# Sweetspot

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



16112077



16774898



16109033



8419960



0



8421504

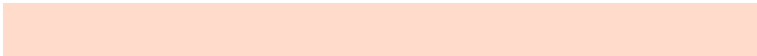


# Same Dimension

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



16112077



16767948



16116941



8024686



12204032



3871232

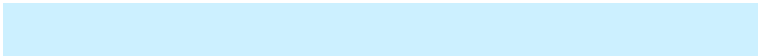


# Inverse Universe

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



13494773



13431039



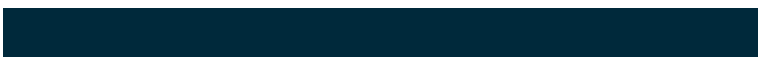
13489909



7239546



33466

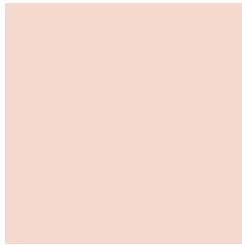


10555



# Previews

## White Background



This preview shows how the Decimal color 16112077 looks on a white background.

## Color Contrast Check

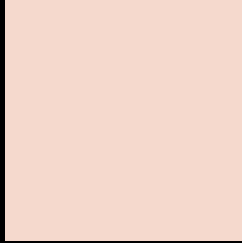
Large Text (above 18pt) WCAG AA × Fail

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 16112077 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

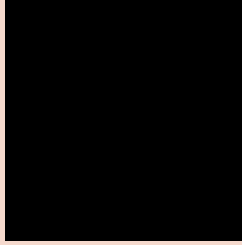
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

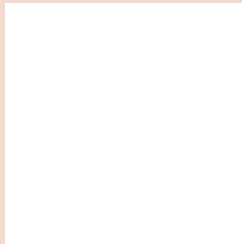
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16112077 Background



This preview shows how black text looks on a background with the Decimal color 16112077.

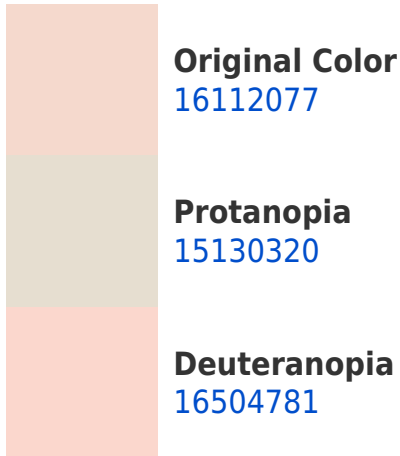


This preview shows how white text looks on a background with the Decimal color 16112077.

# 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**  
16307686

# Trichromacy



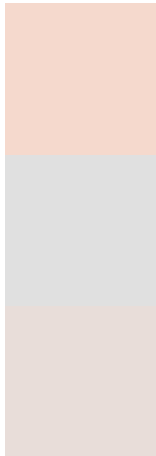
**Original Color**  
16112077

**Protanomaly**  
15457487

**Deuteranomaly**  
16373965

**Tritanomaly**  
16242397

# Monochromacy



**Original Color**  
16112077

**Achromatopsia**  
14737632

**Achromatomaly**  
15261145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16112077 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 #F5D9CD looks like.

```
.text, #text, p{  
    color:#F5D9CD  
}
```

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 #F5D9CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5D9CD } }
```

## Border

The CSS property to change the border of an element to Decimal 16112077 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 #F5D9CD } }
```

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

```
.border{ border-color:#F5D9CD }
```

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

Here you see how a box with a 4 pixel #F5D9CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5D9CD; -webkit-box-shadow:4px 4px  
4px 4px #F5D9CD; box-shadow:4px 4px 4px  
4px #F5D9CD }
```

# Background

The CSS property to change the background color of an element to Decimal 16112077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5D9CD }
```

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

```
.background{ background-color:#F5D9CD }
```

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