

# Converting Colors

Decimal(16381426)

Have a look what the booklet for  
Decimal(16381426) contains.

|  |    |
|--|----|
| <b>Decimal(16381426)</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(16381426)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | F9F5F2                    |
| RGB         | 249, 245, 242             |
| RGB Percent | 98%, 96%, 95%             |
| CMY         | 0.0235, 0.0392, 0.0510    |
| CMYK        | 0.00, 0.02, 0.03, 0.02    |
| HSL         | 26°, 37%, 96%             |
| HSV         | 26°, 3%, 98%              |
| XYZ         | 87.7463, 91.8554, 97.1095 |
| YIQ         | 245.8540, 3.3470, -0.0850 |

# Conversions

## Conversions Part 2

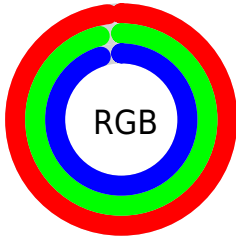
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 249, 247, 242                |
| Decimal                             | 16381426                     |
| CIE <sub>Lab</sub>                  | 96.76, 0.82, 1.90            |
| CIE <sub>LCh</sub>                  | 97, 2.069, 66.764            |
| Yxy                                 | 91.8554, 0.3171,<br>0.3320   |
| Android<br>(android.graphics.Color) | 4294571506<br>(0xFFFF9F5F2)  |
| YUV                                 | 245.8540, -1.9000,<br>2.7590 |
| Hunter-Lab                          | 95.8412, -4.2984,<br>7.0142  |

# Details

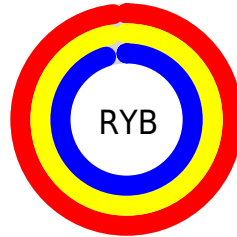
The Decimal color **16381426** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **15922937**, and the grayscale version is **16185078**.

A 20% lighter version of the original color is **16777215**, and **12697018** is the 20% darker color. If you saturate the color by 10%, you get **16377817**, and if you desaturate by 10%, it is **16383999**.

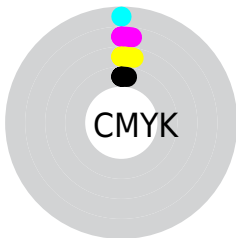
# Distribution



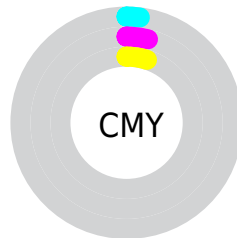
- Red (98%)
- Green (96%)
- Blue (95%)



- Red (98%)
- Yellow (97%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16381426 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 16381426 by changing the saturation by 10% instead.



 16381426

 16381426

16777215

 14473686

 12697018

 10855071

 9144453

 7499372

 5854803

 4341564

 2894119

 1512466

16381426

16381426

16377817

16383999

16374208

16370343

16366734

16363126

16359517

16355652

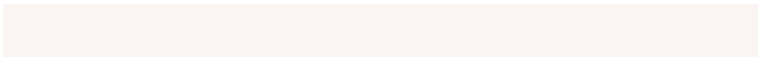
16352043

16348434

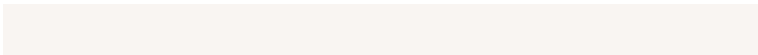
# Harmonies

## Analogous

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



16446963



16381426



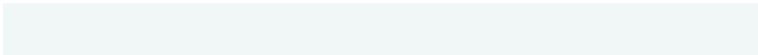
16250610

# Triad

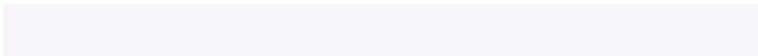
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16381426



15857654



16250361

# Complementary

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



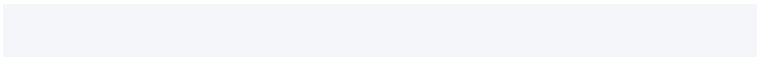
16381426



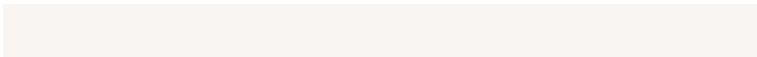
15922937

# 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.



16054010



16381426



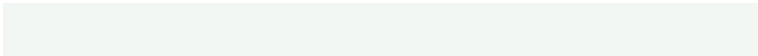
15857656

# Square

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



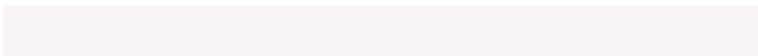
16381426



15923188



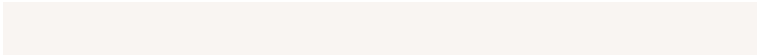
15922937



16381431

# Rectangle

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



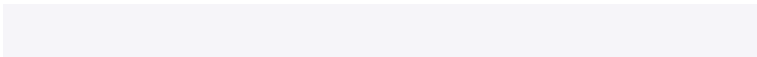
16381426



16119538



15922937

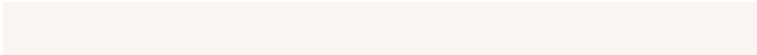


16184825



# Sweetspot

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



16381426



16776956



16380662



8421246



0

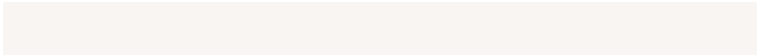


8421504

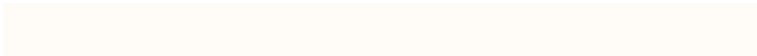


# Same Dimension

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



16381426



16776183



16382194



8223352



12407040

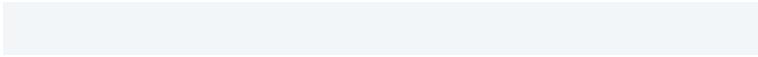


4004352

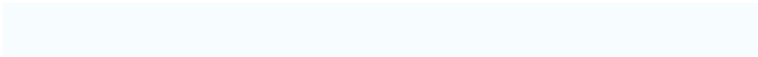


# Inverse Universe

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



15922937



16252159



15922169



7895933



27837

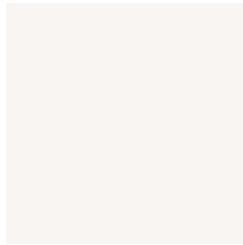


9021



# Previews

## White Background



This preview shows how the Decimal color 16381426 looks on a white background.

## Color Contrast Check

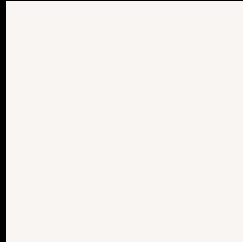
Large Text (above 18pt) WCAG AA × Fail

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 16381426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

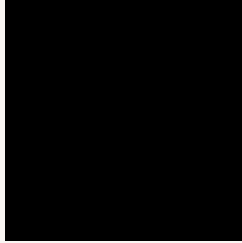
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

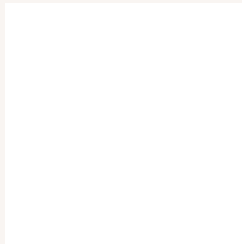
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16381426 Background



This preview shows how black text looks on a background with the Decimal color 16381426.

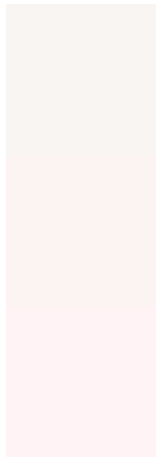


This preview shows how white text looks on a background with the Decimal color 16381426.

# 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



**Original Color**  
16381426

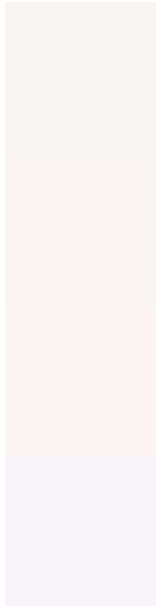
**Protanopia**  
16512242

**Deuteranopia**  
16774133



**Tritanopia**  
16381183

# Trichromacy



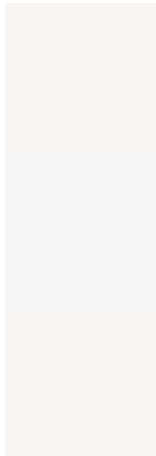
**Original Color**  
16381426

**Protanomaly**  
16446706

**Deuteranomaly**  
16643316

**Tritanomaly**  
16381178

# Monochromacy



**Original Color**  
16381426

**Achromatopsia**  
16185078

**Achromatomaly**  
16250613

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16381426 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 #F9F5F2 looks like.

```
.text, #text, p{  
  color:#F9F5F2  
}
```

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 #F9F5F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9F5F2
}
```

## Border

The CSS property to change the border of an element to Decimal 16381426 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
#F9F5F2 }
```

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

```
.border{ border-color:#F9F5F2 }
```

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

Here you see how a box with a 4 pixel #F9F5F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9F5F2; -webkit-box-shadow:4px 4px  
4px 4px #F9F5F2; box-shadow:4px 4px 4px  
4px #F9F5F2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16381426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9F5F2 }
```

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

```
.background{ background-color:#F9F5F2 }
```

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