

# Converting Colors

Decimal(16511202)

Have a look what the booklet for  
Decimal(16511202) contains.

<b>Decimal(16511202)</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(16511202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF0E2
RGB	251, 240, 226
RGB Percent	98%, 94%, 89%
CMY	0.0157, 0.0588, 0.1137
CMYK	0.00, 0.04, 0.10, 0.02
HSL	34°, 76%, 94%
HSV	34°, 10%, 98%
XYZ	84.6712, 88.3204, 84.5364
YIQ	241.6930, 11.0500, -2.0220

# Conversions

## Conversions Part 2

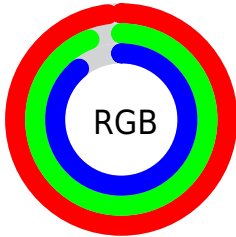
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 251, 226
Decimal	16511202
CIE Lab	95.30, 1.38, 8.07
CIE LCh	95, 8.187, 80.312
Yxy	88.3204, 0.3288, 0.3430
Android (android.graphics.Color)	4294701282 (0xFFFBF0E2)
YUV	241.6930, -7.7366, 8.1622
Hunter-Lab	93.9789, -3.6418, 12.4524

# Details

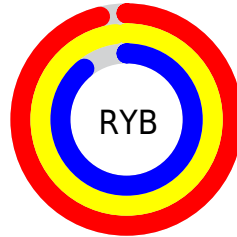
The Decimal color **16511202** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **14872059**, and the grayscale version is **15921906**.

A 20% lighter version of the original color is **16777215**, and **12761259** is the 20% darker color. If you saturate the color by 10%, you get **16508361**, and if you desaturate by 10%, it is **16514043**.

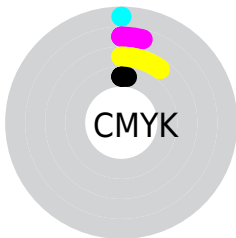
# Distribution



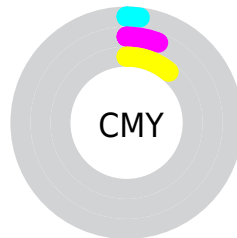
- Red (98%)
- Green (94%)
- Blue (89%)



- Red (96%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16511202 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 16511202 by changing the saturation by 10% instead.



 16511202

 16511202

16777215

 14603462

 12761259

 10984848

 9274231

 7563870

 5919302

 4406064

 2893083

 1642496

16511202

16511202

16508361

16514043

16505520

16515071

16502679

16499838

16496996

16494155

16491314

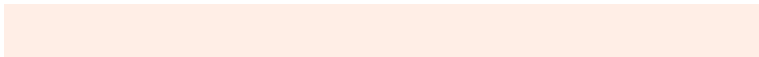
16488473

16485632

# Harmonies

## Analogous

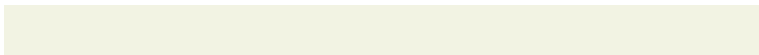
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772838



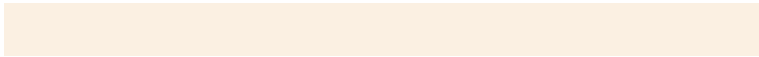
16511202



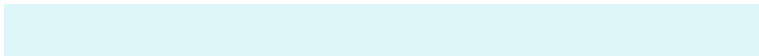
15922147

# Triad

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



16511202



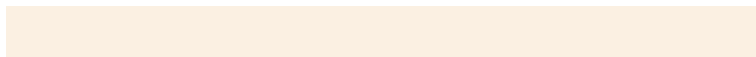
14612215



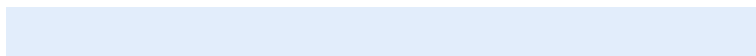
16379644

# Complementary

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



16511202



14872059

# Split Complementary

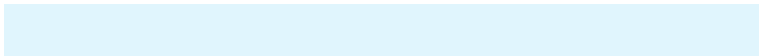
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15790335



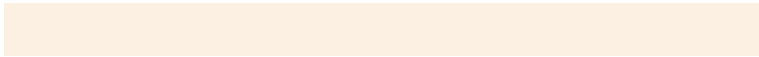
16511202



14743037

# Square

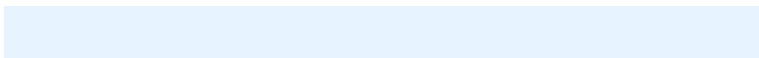
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16511202



14874350



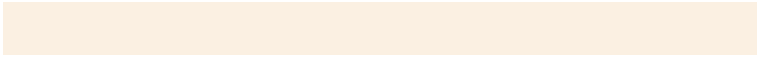
15201279



16772340

# Rectangle

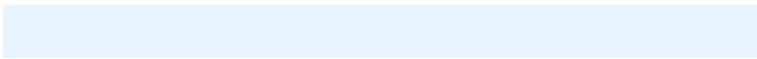
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16511202



15529189



15201279

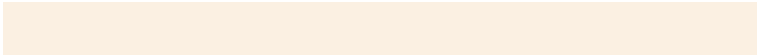


16248830

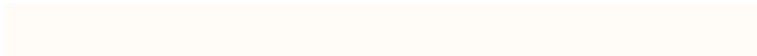


# Sweetspot

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



16511202



16776439



16507629



8420730



0



8421504

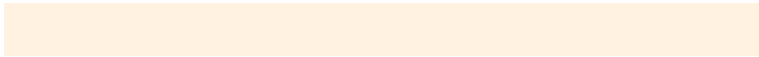


# Same Dimension

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



16511202



16773856



16448482



8222576



12413440

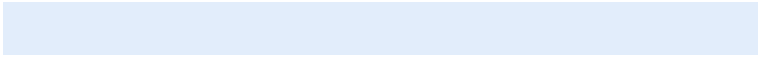


4006400

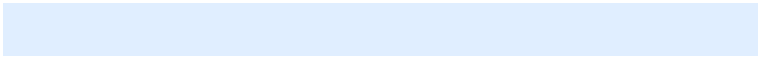


# Inverse Universe

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



14872059



14741247



14934779



7370365



21437

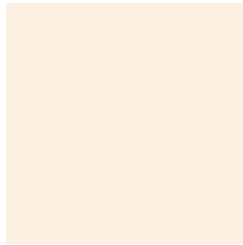


6973



# Previews

## White Background



This preview shows how the Decimal color 16511202 looks on a white background.

## Color Contrast Check

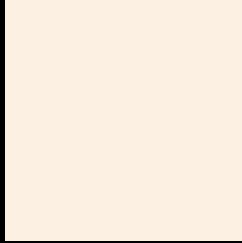
Large Text (above 18pt) WCAG AA × Fail

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 16511202 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

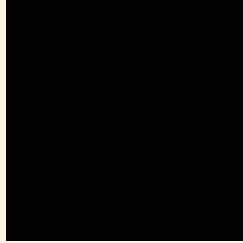
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16511202 Background



This preview shows how black text looks on a background with the Decimal color 16511202.

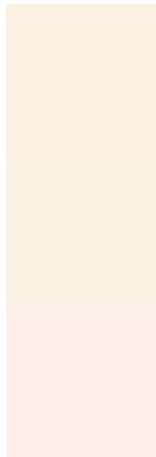


This preview shows how white text looks on a background with the Decimal color 16511202.

# 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**  
16511202

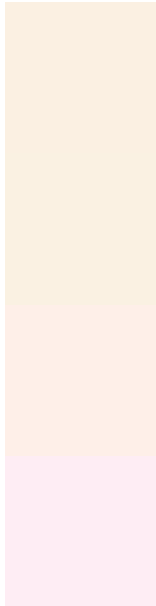
**Protanopia**  
16380386

**Deuteranopia**  
16772843



**Tritanopia**  
16772350

# Trichromacy



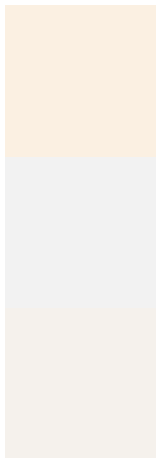
**Original Color**  
16511202

**Protanomaly**  
16445922

**Deuteranomaly**  
16707560

**Tritanomaly**  
16707060

# Monochromacy



**Original Color**  
16511202

**Achromatopsia**  
15921906

**Achromatomaly**  
16118252

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16511202 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 #FBF0E2 looks like.

```
.text, #text, p{  
    color:#FBF0E2  
}
```

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 #FBF0E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBF0E2
}
```

## Border

The CSS property to change the border of an element to Decimal 16511202 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
#FBF0E2 }
```

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

```
.border{ border-color:#FBF0E2 }
```

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

Here you see how a box with a 4 pixel #FBF0E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBF0E2; -webkit-box-shadow:4px 4px  
4px 4px #FBF0E2; box-shadow:4px 4px 4px  
4px #FBF0E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16511202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBF0E2 }
```

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

```
.background{ background-color:#FBF0E2 }
```

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