

# Converting Colors

Decimal(16512721)

Have a look what the booklet for  
Decimal(16512721) contains.

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# **Color**

**Decimal(16512721)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF6D1
RGB	251, 246, 209
RGB Percent	98%, 96%, 82%
CMY	0.0157, 0.0353, 0.1804
CMYK	0.00, 0.02, 0.17, 0.02
HSL	53°, 84%, 90%
HSV	53°, 17%, 98%
XYZ	84.2481, 91.0242, 73.4507
YIQ	243.2770, 14.8570, -10.4470

# Conversions

## Conversions Part 2

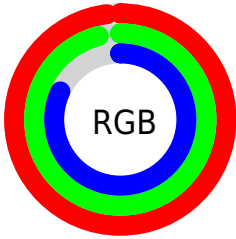
Format	Color
R <sub>Y</sub> B	215, 251, 209
Decimal	16512721
CIE Lab	96.42, -4.27, 18.42
CIE LCh	96, 18.911, 103.054
Yxy	91.0242, 0.3387, 0.3660
Android (android.graphics.Color)	4294702801 (0xFFFFBF6D1)
YUV	243.2770, -16.8986, 6.7731
Hunter-Lab	95.4066, -9.3386, 21.1390

# Details

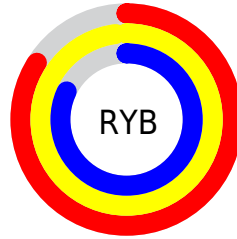
The Decimal color **16512721** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **13752059**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777215**, and **12762778** is the 20% darker color. If you saturate the color by 10%, you get **16511928**, and if you desaturate by 10%, it is **16513514**.

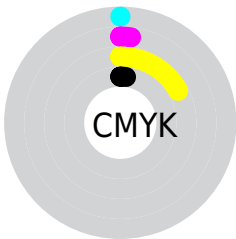
# Distribution



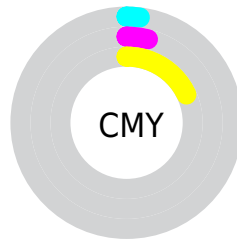
- Red (98%)
- Green (96%)
- Blue (82%)



- Red (84%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16512721 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 16512721 by changing the saturation by 10% instead.



 16512721

 16512721

16777215

 14604981

 12762778

 10986368

 9210215

 7499599

 5920568

 4341794

 2828813

 1381888

 16512721

 16512721

 16511928

 16513514

 16511135

 16514303

 16510342

 16515071

 16509549

 16508755

 16507962

 16507169

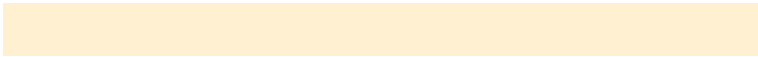
 16506376

 16506112

# Harmonies

## Analogous

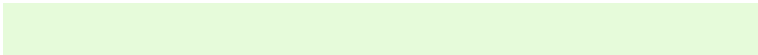
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16773330



16512721



15137754

# Triad

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



16512721



13106943



16771583

# Complementary

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



16512721



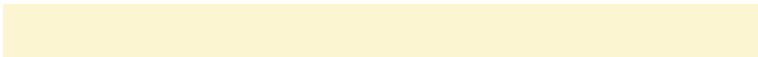
13752059

# Split Complementary

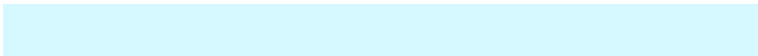
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16772863



16512721



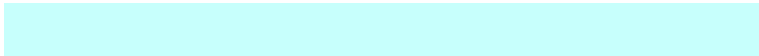
14023167

# Square

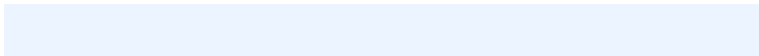
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



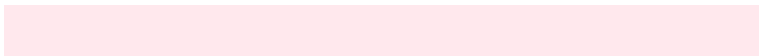
16512721



13107196



15463679



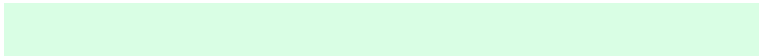
16771309

# Rectangle

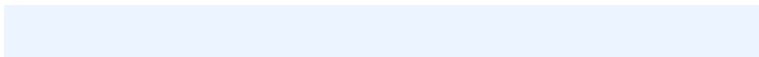
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16512721



14286564



15463679



16771839



# Sweetspot

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



16512721



16776690



16503255



8421240



0



8421504



# Same Dimension

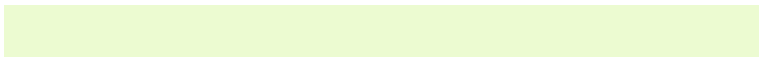
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16512721



16775628



15530961



8223600



12428800



4011520



# Inverse Universe

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



13752059



13423359



14733819



7369341



5821

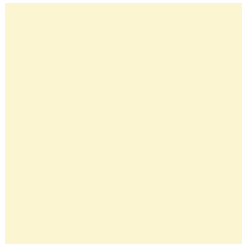


1853



# Previews

## White Background



This preview shows how the Decimal color 16512721 looks on a white background.

## Color Contrast Check

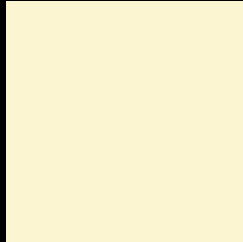
Large Text (above 18pt) WCAG AA × Fail

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 16512721 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

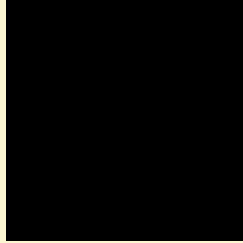
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16512721 Background



This preview shows how black text looks on a background with the Decimal color 16512721.



This preview shows how white text looks on a background with the Decimal color 16512721.

# 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**  
16512721

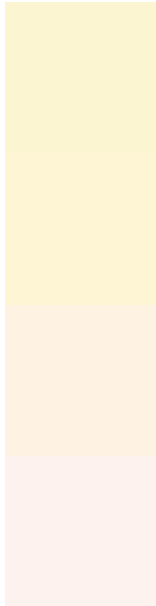
**Protanopia**  
16774360

**Deuteranopia**  
16773868



**Tritanopia**  
16773375

# Trichromacy



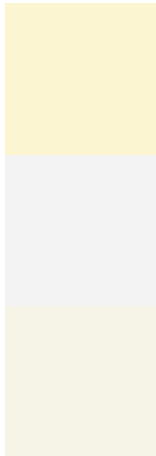
**Original Color**  
16512721

**Protanomaly**  
16709077

**Deuteranomaly**  
16708578

**Tritanomaly**  
16708334

# Monochromacy



**Original Color**  
16512721

**Achromatopsia**  
15987699

**Achromatomaly**  
16184551

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16512721 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 #FBF6D1 looks like.

```
.text, #text, p{  
    color:#FBF6D1  
}
```

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 #FBF6D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBF6D1
}
```

## Border

The CSS property to change the border of an element to Decimal 16512721 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
#FBF6D1 }
```

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

```
.border{ border-color:#FBF6D1 }
```

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

Here you see how a box with a 4 pixel #FBF6D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBF6D1; -webkit-box-shadow:4px 4px  
4px 4px #FBF6D1; box-shadow:4px 4px 4px  
4px #FBF6D1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16512721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBF6D1 }
```

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

```
.background{ background-color:#FBF6D1 }
```

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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