

Converting Colors

Decimal(16710071)

Have a look what the booklet for
Decimal(16710071) contains.

Decimal(16710071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16710071)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9B7
RGB	254, 249, 183
RGB Percent	100%, 98%, 72%
CMY	0.0039, 0.0235, 0.2824
CMYK	0.00, 0.02, 0.28, 0.00
HSL	56°, 97%, 86%
HSV	56°, 28%, 100%
XYZ	83.2960, 92.2411, 58.2139
YIQ	242.9710, 24.1660, -19.4660

Conversions

Conversions Part 2

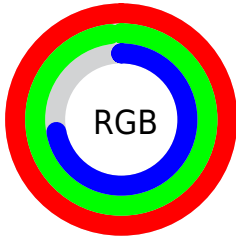
Format	Color
RYB	188, 254, 183
Decimal	16710071
CIELab	96.92, -8.24, 32.36
CIELCh	97, 33.394, 104.280
Yxy	92.2411, 0.3563, 0.3946
Android (android.graphics.Color)	4294900151 (0xFFFEF9B7)
YUV	242.9710, -29.5657, 9.6724
Hunter-Lab	96.0422, -13.2635, 31.2922

Details

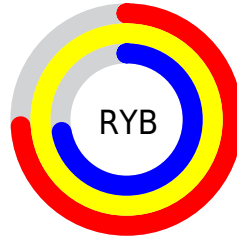
The Decimal color **16710071** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **12041470**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777199**, and **12960129** is the 20% darker color. If you saturate the color by 10%, you get **16709534**, and if you desaturate by 10%, it is **16710608**.

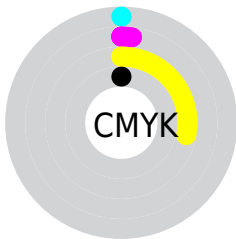
Distribution



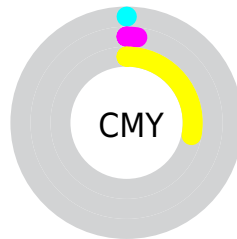
- Red (100%)
- Green (98%)
- Blue (72%)



- Red (74%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16710071 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 16710071 by changing the saturation by 10% instead.

 16710071


 16710071

16777215

 14802076

 16777199

 12960129

 11118184

 9341775

 7565879

 5921056

 4276744

 2829312

 1054720

 16710071

 16710071

 16709534

 16710608

 16708996

 16711146

 16708715

16711423

 16708177

16711679

 16707640

 16707103

 16706565

 16706560

Harmonies

Analogous

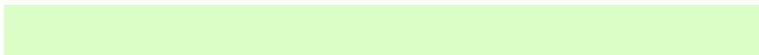
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772792



16710071



14286791

Triad

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



16710071



10158079



16769279

Complementary

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



16710071



12041470

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.



16771583



16710071



12058367

Square

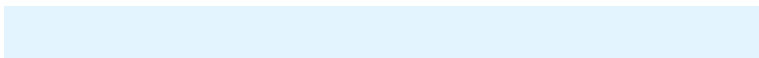
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16710071



10223615



15004927



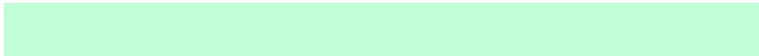
16769000

Rectangle

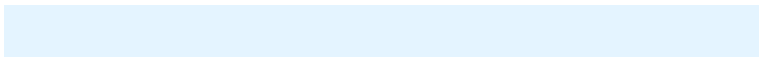
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16710071



12713945



15004927



16770047

Sweetspot

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



16710071



16776939



16693181



8421235



0



8421504

Same Dimension

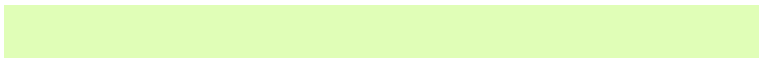
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16710071



16775592



14745271



8421235



12562944



4209408

Inverse Universe

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



12041470



11054847



14006270



7566464



3519



1088

Previews

White Background



This preview shows how the Decimal color 16710071 looks on a white background.

Color Contrast Check

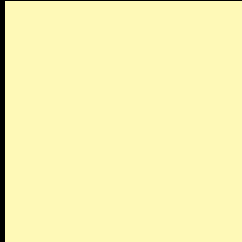
Large Text (above 18pt) WCAG AA × Fail

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 16710071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

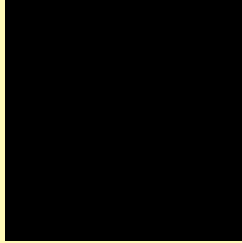
Any Text WCAG AA ✓ Pass

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 16710071 Background



This preview shows how black text looks on a background with the Decimal color 16710071.

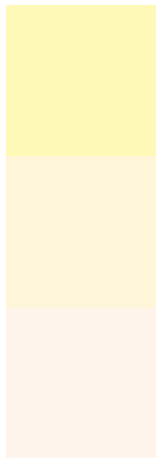


This preview shows how white text looks on a background with the Decimal color 16710071.

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
16710071

Protanopia
16774874

Deuteranopia
16774380



Tritanopia
16774140

Trichromacy



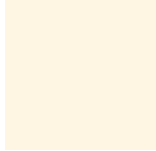
Original Color
16710071



Protanomaly
16775117



Deuteranomaly
16774873

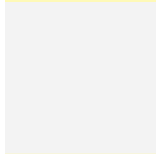


Tritanomaly
16774627

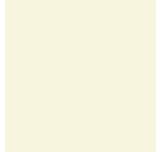
Monochromacy



Original Color
16710071



Achromatopsia
15987699



Achromatomaly
16250333

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16710071 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 #FEF9B7 looks like.

```
.text, #text, p{  
  color:#FEF9B7  
}
```

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 #FEF9B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEF9B7
}
```

Border

The CSS property to change the border of an element to Decimal 16710071 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
#FEF9B7 }
```

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

```
.border{ border-color:#FEF9B7 }
```

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

Here you see how a box with a 4 pixel #FEF9B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEF9B7; -webkit-box-shadow:4px 4px  
4px 4px #FEF9B7; box-shadow:4px 4px 4px  
4px #FEF9B7 }
```

Background

The CSS property to change the background color of an element to Decimal 16710071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEF9B7 }
```

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

```
.background{ background-color:#FEF9B7 }
```

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