

Converting Colors

Decimal(16764133)

Have a look what the booklet for
Decimal(16764133) contains.

| | |
|--|----|
| Decimal(16764133) | 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(16764133)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCCE5 |
| RGB | 255, 204, 229 |
| RGB Percent | 100%, 80%, 90% |
| CMY | 0.0000, 0.2000, 0.1020 |
| CMYK | 0.00, 0.20, 0.10, 0.00 |
| HSL | 331°, 100%, 90% |
| HSV | 331°, 20%, 100% |
| XYZ | 76.9757, 70.1029, 83.6029 |
| YIQ | 222.0990, 22.3710, 18.5870 |

Conversions

Conversions Part 2

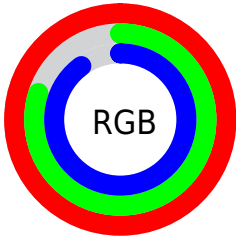
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 204, 229 |
| Decimal | 16764133 |
| CIE _{Lab} | 87.05, 21.89, -5.47 |
| CIE _{LCh} | 87, 22.564, 345.964 |
| Yxy | 70.1029, 0.3337, 0.3039 |
| Android (android.graphics.Color) | 4294954213 (0xFFFFCCE5) |
| YUV | 222.0990, 3.4022, 28.8542 |
| Hunter-Lab | 83.7275, 17.5828, -0.5926 |

Details

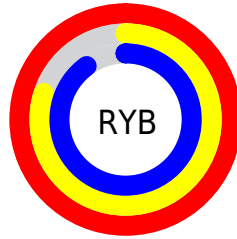
The Decimal color **16764133** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13434854**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777215**, and **13014702** is the 20% darker color. If you saturate the color by 10%, you get **16757720**, and if you desaturate by 10%, it is **16770802**.

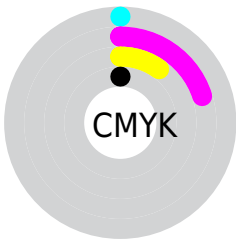
Distribution



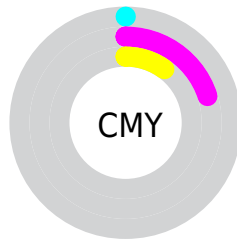
- Red (100%)
- Green (80%)
- Blue (90%)



- Red (100%)
- Yellow (80%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16764133 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 16764133 by changing the saturation by 10% instead.

16764133

16764133

16777215

14856393

13014702

11173011

9396857

7686752

6042441

4463922

2885405

1310721

 16764133

 16764133

 16757720

 16770802

 16751051

16777215

 16744638

 16737969

 16731556

 16724887

 16718218

 16711805

Harmonies

Analogous

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



15520248



16764133



16763855

Triad

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



16764133



14671025



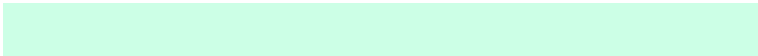
10740984

Complementary

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



16764133



13434854

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.



10610405



16764133



13034172

Square

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



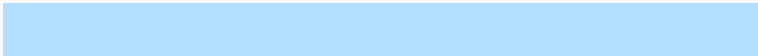
16764133



16045489



11527887



11919359

Rectangle

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



16764133



16764354



11527887



10544626

Sweetspot

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



16764133



16773367



15125759



8419195



0



8421504

Same Dimension

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



16764133



16761568



16764108



8418169



12517470



4194335

Inverse Universe

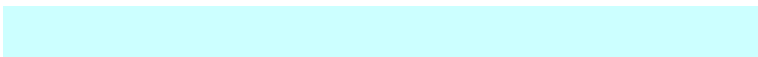
The Inverse Universe completely reimagines the original color for something new.



16764133



16761568



13434879



8418169



12517470



4194335

Previews

White Background



This preview shows how the Decimal color 16764133 looks on a white background.

Color Contrast Check

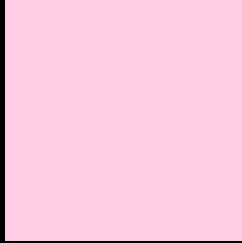
Large Text (above 18pt) WCAG AA × Fail

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 16764133 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 16764133 Background



This preview shows how black text looks on a background with the Decimal color 16764133.



This preview shows how white text looks on a background with the Decimal color 16764133.

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
16764133

Protanopia
14277101

Deuteranopia
15455460



Tritanopia
16698845

Trichromacy



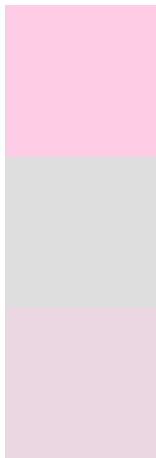
Original Color
16764133

Protanomaly
15193322

Deuteranomaly
15913444

Tritanomaly
16698848

Monochromacy



Original Color
16764133

Achromatopsia
14606046

Achromatomaly
15390689

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16764133 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 #FFCCE5 looks like.

```
.text, #text, p{  
    color:#FFCCE5  
}
```

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 #FFCCE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCCE5
}
```

Border

The CSS property to change the border of an element to Decimal 16764133 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
#FFCCE5 }
```

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

```
.border{ border-color:#FFCCE5 }
```

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

Here you see how a box with a 4 pixel #FFCCE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCCE5; -webkit-box-shadow:4px 4px  
4px 4px #FFCCE5; box-shadow:4px 4px 4px  
4px #FFCCE5 }
```

Background

The CSS property to change the background color of an element to Decimal 16764133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCCE5 }
```

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

```
.background{ background-color:#FFCCE5 }
```

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