

Converting Colors

Decimal(16760044)

Have a look what the booklet for
Decimal(16760044) contains.

Decimal(16760044)	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(16760044)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCEC
RGB	255, 188, 236
RGB Percent	100%, 74%, 93%
CMY	0.0000, 0.2627, 0.0745
CMYK	0.00, 0.26, 0.07, 0.00
HSL	317°, 100%, 87%
HSV	317°, 26%, 100%
XYZ	74.3635, 63.2826, 87.6523
YIQ	213.5050, 24.5240, 29.1320

Conversions

Conversions Part 2

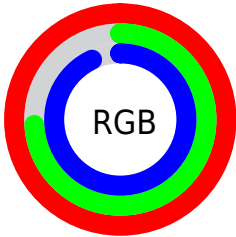
Format	Color
R _Y B	255, 188, 236
Decimal	16760044
CIE _{Lab}	83.59, 31.46, -14.34
CIE _{LCh}	84, 34.572, 335.490
Yxy	63.2826, 0.3301, 0.2809
Android (android.graphics.Color)	4294950124 (0xFFFFBCEC)
YUV	213.5050, 11.0900, 36.3911
Hunter-Lab	79.5503, 27.6484, -9.6432

Details

The Decimal color **16760044** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12386255**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16774655**, and **13010612** is the 20% darker color. If you saturate the color by 10%, you get **16753637**, and if you desaturate by 10%, it is **16766707**.

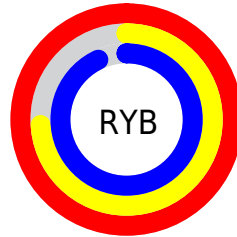
Distribution



Red (100%)

Green (74%)

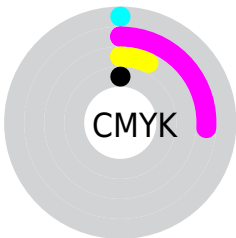
Blue (93%)



Red (100%)

Yellow (74%)

Blue (93%)

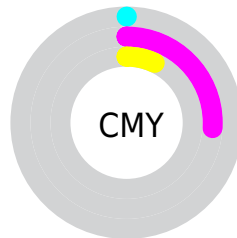


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16760044 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 16760044 by changing the saturation by 10% instead.

 16760044


 16760044

16777215

 14852560

 16774655

 13010612

 11168921

 9393023

 7617382

 5972814

 4327991

 2883618

 393224

 16760044

 16760044

 16753637

 16766707

 16746974

 16773114

 16740566

16777215

 16733903

 16727496

 16720833

 16714425

 16711863

Harmonies

Analogous

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



14534399



16760044



16758987

Triad

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



16760044



14798991



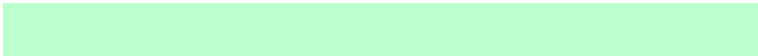
6873589

Complementary

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



16760044



12386255

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.



7791317



16760044



12507803

Square

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



16760044



16696726



10018996



8510463

Rectangle

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



16760044



16759478



10018996



6939371

Sweetspot

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



16760044



16772089



13614335



8418172



0



8421504

Same Dimension

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



16760044



16756200



16760011



8418172



12517513



4194350

Inverse Universe

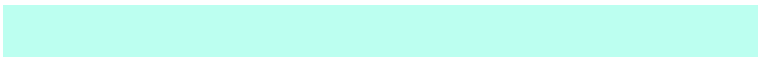
The Inverse Universe completely reimagines the original color for something new.



16760044



16756200



12386288



8418172



12517513



4194350

Previews

White Background



This preview shows how the Decimal color 16760044 looks on a white background.

Color Contrast Check

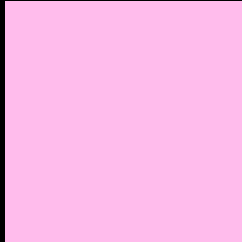
Large Text (above 18pt) WCAG AA × Fail

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 16760044 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 16760044 Background



This preview shows how black text looks on a background with the Decimal color 16760044.




This preview shows how white text looks on a background with the Decimal color 16760044.

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





Tritanopia
16499152

Trichromacy



Original Color
16760044



Protanomaly
14469364



Deuteranomaly
15189738

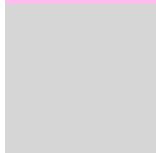


Tritanomaly
16564186

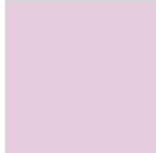
Monochromacy



Original Color
16760044



Achromatopsia
14079702



Achromatomaly
15060446

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16760044 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 #FFBCEC looks like.

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

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 #FFBCEC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 16760044 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
#FFBCEC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 16760044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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