

Converting Colors

Decimal(16755416)

Have a look what the booklet for
Decimal(16755416) contains.

Decimal(16755416)	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(16755416)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAD8
RGB	255, 170, 216
RGB Percent	100%, 67%, 85%
CMY	0.0000, 0.3333, 0.1529
CMYK	0.00, 0.33, 0.15, 0.00
HSL	328°, 100%, 83%
HSV	328°, 33%, 100%
XYZ	68.0094, 54.9673, 71.9910
YIQ	200.6590, 35.8940, 32.3260

Conversions

Conversions Part 2

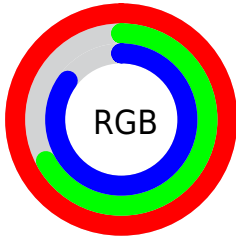
Format	Color
R_{YB}	255, 170, 216
Decimal	16755416
CIE _{Lab}	79.02, 37.63, -10.40
CIE _{LCh}	79, 39.044, 344.547
Yxy	54.9673, 0.3488, 0.2819
Android (android.graphics.Color)	4294945496 (0xFFFFAAD8)
YUV	200.6590, 7.5631, 47.6571
Hunter-Lab	74.1399, 33.9951, -5.6735

Details

The Decimal color **16755416** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **11206609**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16769791**, and **12940449** is the 20% darker color. If you saturate the color by 10%, you get **16749004**, and if you desaturate by 10%, it is **16761828**.

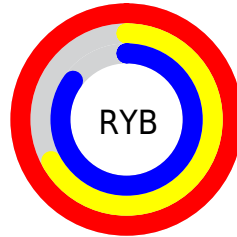
Distribution



Red (100%)

Green (67%)

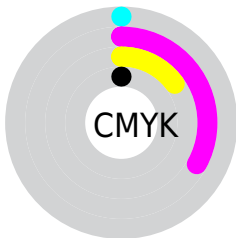
Blue (85%)



Red (100%)

Yellow (67%)

Blue (85%)

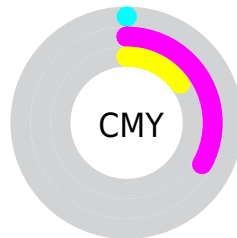


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16755416 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 16755416 by changing the saturation by 10% instead.

 16755416

 16755416

16777215

 14847932

 16769791

 12940449

 11099015

 9257582

 7547221

 5836350

 4128808

 2752532

 0

 16755416

 16755416

 16749004

 16761828

 16742337

 16768495

 16735925

 16775163

 16729257

16777215

 16722590

 16716178

 16711818

Harmonies

Analogous

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



14595320



16755416



16754867

Triad

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



16755416



13289340



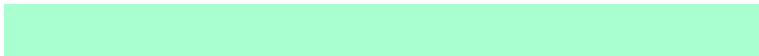
4248821

Complementary

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



16755416



11206609

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.



4839381



16755416



10670223

Square

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



16755416



15580030



7722671



7523839

Rectangle

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



16755416



16755868



7722671



3921644

Sweetspot

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



16755416



16770803



13675263



8417400



0



8421504

Same Dimension

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



16755416



16751056



16755374



8418170



12517480



4194339

Inverse Universe

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



16755416



16751056



11206651



8418170



12517480



4194339

Previews

White Background



This preview shows how the Decimal color 16755416 looks on a white background.

Color Contrast Check

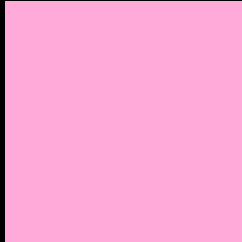
Large Text (above 18pt) WCAG AA × Fail

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 16755416 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 16755416 Background



This preview shows how black text looks on a background with the Decimal color 16755416.

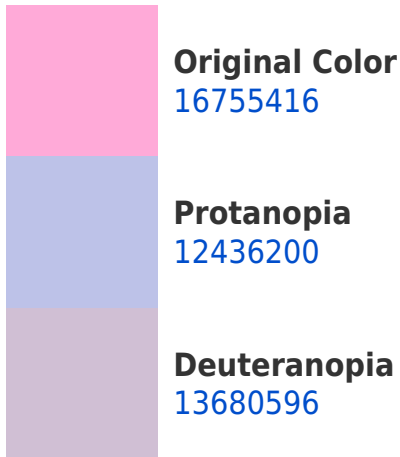



This preview shows how white text looks on a background with the Decimal color 16755416.

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
16560060

Trichromacy



Original Color
16755416



Protanomaly
14006754



Deuteranomaly
14792661

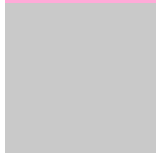


Tritanomaly
16625094

Monochromacy



Original Color
16755416



Achromatopsia
13224393



Achromatomaly
14532302

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16755416 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 #FFAAD8 looks like.

```
.text, #text, p{  
  color:#FFAAD8  
}
```

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 #FFAAD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAAD8
}
```

Border

The CSS property to change the border of an element to Decimal 16755416 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
#FFAAD8 }
```

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

```
.border{ border-color:#FFAAD8 }
```

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

Here you see how a box with a 4 pixel #FFAAD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAAD8; -webkit-box-shadow:4px 4px  
4px 4px #FFAAD8; box-shadow:4px 4px 4px  
4px #FFAAD8 }
```

Background

The CSS property to change the background color of an element to Decimal 16755416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAAD8 }
```

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

```
.background{ background-color:#FFAAD8 }
```

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