

# Converting Colors

Decimal(16561631)

Have a look what the booklet for  
Decimal(16561631) contains.

<b>Decimal(16561631)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16561631)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCB5DF
RGB	252, 181, 223
RGB Percent	99%, 71%, 87%
CMY	0.0118, 0.2902, 0.1255
CMYK	0.00, 0.28, 0.12, 0.01
HSL	325°, 92%, 85%
HSV	325°, 28%, 99%
XYZ	69.9880, 59.0709, 77.5251
YIQ	207.0170, 28.8340, 28.1140

# Conversions

## Conversions Part 2

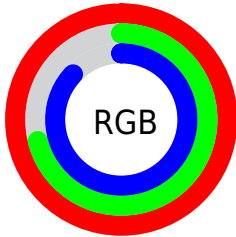
Format	Color
R <sub>Y</sub> B	252, 181, 223
Decimal	16561631
CIE Lab	81.33, 31.98, -10.78
CIE LCh	81, 33.747, 341.373
Yxy	59.0709, 0.3388, 0.2859
Android (android.graphics.Color)	4294751711 (0xFFFCB5DF)
YUV	207.0170, 7.8796, 39.4501
Hunter-Lab	76.8576, 28.0448, -6.0046

# Details

The Decimal color **16561631** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **11926738**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **16772607**, and **12812200** is the 20% darker color. If you saturate the color by 10%, you get **16555221**, and if you desaturate by 10%, it is **16568041**.

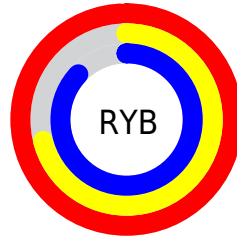
# Distribution



Red (99%)

Green (71%)

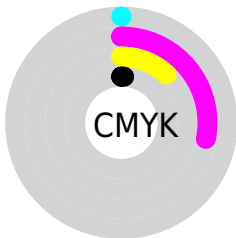
Blue (87%)



Red (99%)

Yellow (71%)

Blue (87%)

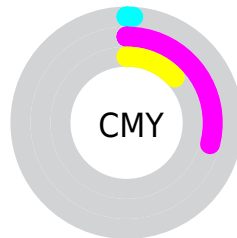


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (1%)



Cyan (1%)

Magenta (29%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16561631 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 16561631 by changing the saturation by 10% instead.



 16561631

 16561631

16777215


 14654147

 16772607

 12812200

 10970765

 9194868

 7419227

 5774660

 4129581

 2752537

 0

 16561631

 16561631

 16555221

 16568041

 16548810

 16574452

 16542144

 16580606

 16535734

 16580607

 16529324

 16522913

 16516503

 16515221

# Harmonies

## Analogous

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



14597882



16561631



16757695

# Triad

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



16561631



13945996



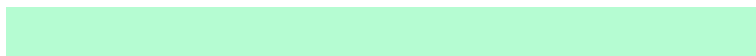
6806003

# Complementary

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



16561631



11926738

# 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.



7199957



16561631



11654554

# Square

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



16561631



15909263



9231029



8770559

# Rectangle

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



16561631



16758187



9231029



6675178



# Sweetspot

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



16561631



16772087



13743612



8418170



0



8421504



# Same Dimension

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



16561631



16754908



16561596



8220792



12386416



3997732



# Inverse Universe

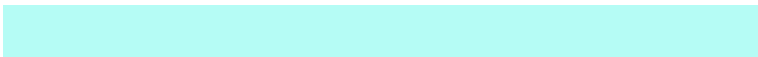
The Inverse Universe completely reimagines the original color for something new.



16561631



16754908



11926773



8220792



12386416



3997732



# Previews

## White Background



This preview shows how the Decimal color 16561631 looks on a white background.

## Color Contrast Check

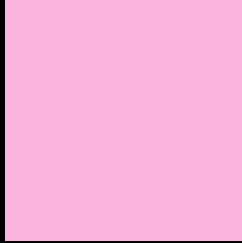
Large Text (above 18pt) WCAG AA × Fail

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 16561631 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 16561631 Background



This preview shows how black text looks on a background with the Decimal color 16561631.




This preview shows how white text looks on a background with the Decimal color 16561631.

# 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**  
16366023

# Trichromacy



**Original Color**  
16561631



**Protanomaly**  
14205671



**Deuteranomaly**  
14991325

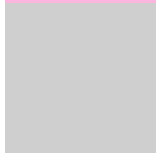


**Tritanomaly**  
16431312

# Monochromacy



**Original Color**  
16561631



**Achromatopsia**  
13619151



**Achromatomaly**  
14665429

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16561631 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 #FCB5DF looks like.

```
.text, #text, p{  
    color:#FCB5DF  
}
```

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 #FCB5DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCB5DF
}
```

## Border

The CSS property to change the border of an element to Decimal 16561631 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
#FCB5DF }
```

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

```
.border{ border-color:#FCB5DF }
```

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

Here you see how a box with a 4 pixel #FCB5DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCB5DF; -webkit-box-shadow:4px 4px  
4px 4px #FCB5DF; box-shadow:4px 4px 4px  
4px #FCB5DF }
```

# Background

The CSS property to change the background color of an element to Decimal 16561631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCB5DF }
```

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

```
.background{ background-color:#FCB5DF }
```

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