

# Converting Colors

Decimal(16563443)

Have a look what the booklet for  
Decimal(16563443) contains.

<b>Decimal(16563443)</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(16563443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCBCF3
RGB	252, 188, 243
RGB Percent	99%, 74%, 95%
CMY	0.0118, 0.2627, 0.0471
CMYK	0.00, 0.25, 0.04, 0.01
HSL	308°, 91%, 86%
HSV	308°, 25%, 99%
XYZ	74.3058, 63.1330, 93.0636
YIQ	213.4060, 20.4890, 30.6730

# Conversions

## Conversions Part 2

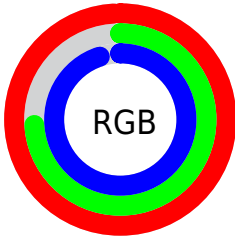
Format	Color
R <sub>Y</sub> B	252, 188, 243
Decimal	16563443
CIE Lab	83.51, 31.68, -18.23
CIE LCh	84, 36.547, 330.078
Yxy	63.1330, 0.3224, 0.2739
Android (android.graphics.Color)	4294753523 (0xFFFCBCF3)
YUV	213.4060, 14.5898, 33.8469
Hunter-Lab	79.4562, 27.8809, -13.8244

# Details

The Decimal color **16563443** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12385477**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16774655**, and **12814011** is the 20% darker color. If you saturate the color by 10%, you get **16557039**, and if you desaturate by 10%, it is **16569847**.

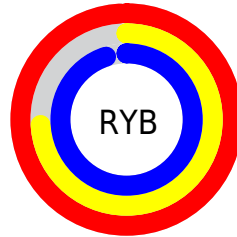
# Distribution



Red (99%)

Green (74%)

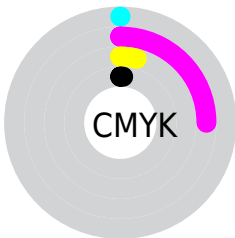
Blue (95%)



Red (99%)

Yellow (74%)

Blue (95%)

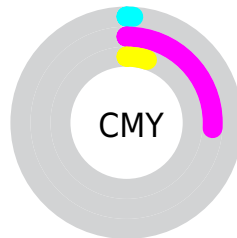


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (1%)



Cyan (1%)

Magenta (26%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16563443 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 16563443 by changing the saturation by 10% instead.



 16563443

 16563443

16777215

 14655959

 16774655

 12814011

 10972320

 9196421

 7486316

 5776212

 4197180

 2752551

 131088

 16563443

 16563443

 16557039

 16569847

 16550636

 16576250

 16543976

 16580606

 16537573

 16580607

 16531169

 16524766

 16518362

 16515289

# Harmonies

## Analogous

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



14010367



16563443



16758481

# Triad

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



16563443



15257227



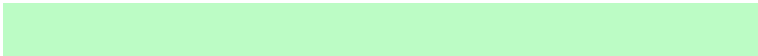
6152945

# Complementary

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



16563443



12385477

# 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.



7660495



16563443



12900500

# Square

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



16563443



16761494



10215597



7527935

# Rectangle

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



16563443



16758714



10215597



6415334



# Sweetspot

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



16563443



16772092



12958972



8418174



0



8421504



# Same Dimension

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



16563443



16757748



16563411



8220795



12386466



3997749



# Inverse Universe

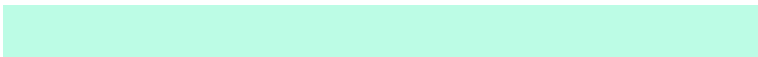
The Inverse Universe completely reimagines the original color for something new.



16563443



16757748



12385509



8220795



12386466



3997749



# Previews

## White Background



This preview shows how the Decimal color 16563443 looks on a white background.

## Color Contrast Check

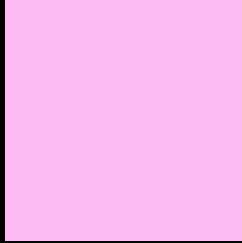
Large Text (above 18pt) WCAG AA × Fail

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 16563443 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 16563443 Background



This preview shows how black text looks on a background with the Decimal color 16563443.



This preview shows how white text looks on a background with the Decimal color 16563443.

# 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**  
16237265

# Trichromacy



**Original Color**  
16563443



**Protanomaly**  
14272507



**Deuteranomaly**  
14993137

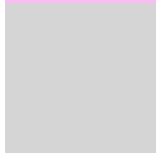


**Tritanomaly**  
16367837

# Monochromacy



**Original Color**  
16563443



**Achromatopsia**  
14013909



**Achromatomaly**  
14929120

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16563443 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 #FCBCF3 looks like.

```
.text, #text, p{  
    color:#FCBCF3  
}
```

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 #FCBCF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCBCF3
}
```

## Border

The CSS property to change the border of an element to Decimal 16563443 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
#FCBCF3 }
```

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

```
.border{ border-color:#FCBCF3 }
```

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

Here you see how a box with a 4 pixel #FCBCF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCBCF3; -webkit-box-shadow:4px 4px  
4px 4px #FCBCF3; box-shadow:4px 4px 4px  
4px #FCBCF3 }
```

# Background

The CSS property to change the background color of an element to Decimal 16563443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCBCF3 }
```

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

```
.background{ background-color:#FCBCF3 }
```

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