

# Converting Colors

Decimal(12563711)

Have a look what the booklet for  
Decimal(12563711) contains.

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# **Color**

**Decimal(12563711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BFB4FF</b>
RGB	<b>191, 180, 255</b>
RGB Percent	<b>75%, 71%, 100%</b>
CMY	<b>0.2510, 0.2941, 0.0000</b>
CMYK	<b>0.25, 0.29, 0.00, 0.00</b>
HSL	<b>249°, 100%, 85%</b>
HSV	<b>249°, 29%, 100%</b>
XYZ	<b>55.8571, 50.9389, 101.4959</b>
YIQ	<b>191.8390, -17.5190, 25.6570</b>

# Conversions

## Conversions Part 2

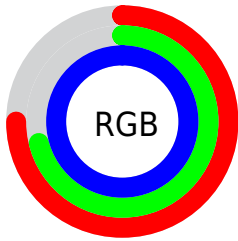
Format	Color
R <sub>Y</sub> B	191, 180, 255
Decimal	12563711
CIE Lab	76.64, 19.49, -35.64
CIE LCh	77, 40.624, 298.671
Yxy	50.9389, 0.2682, 0.2446
Android (android.graphics.Color)	4290753791 (0xFFBFB4FF)
YUV	191.8390, 31.1384, -0.7358
Hunter-Lab	71.3715, 14.7985, -34.3551

# Details

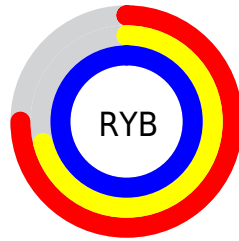
The Decimal color **12563711** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16056244**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16313599**, and **8945606** is the 20% darker color. If you saturate the color by 10%, you get **11115519**, and if you desaturate by 10%, it is **14012159**.

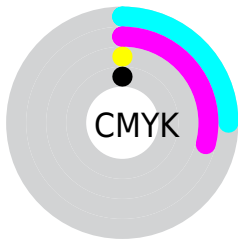
# Distribution



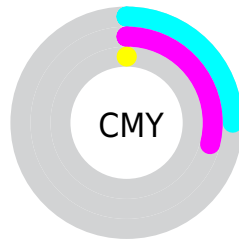
- Red (75%)
- Green (71%)
- Blue (100%)



- Red (75%)
- Yellow (71%)
- Blue (100%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12563711 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 12563711 by changing the saturation by 10% instead.



■ 12563711

■ 12563711

16777215

■ 10721762

■ 16313599

■ 8945606

■ 7235242

■ 5525136

■ 3815286

■ 2105949

■ 3653

■ 46

■ 280

■ 12563711

■ 12563711

■ 11115519

■ 14012159

■ 9667071

■ 15460351

■ 8284415

16777215

■ 6835967

■ 5387775

■ 3939327

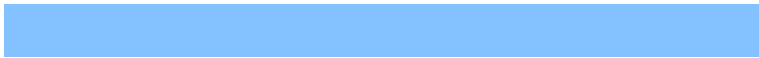
■ 2556671

■ 2425087

# Harmonies

## Analogous

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



8700415



12563711



15443941

# Triad

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



12563711



16100734



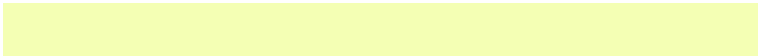
5362106

# Complementary

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



12563711



16056244

# 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.



8703381



12563711



14137969

# Square

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



12563711



16753563



11650682



1888480

# Rectangle

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



12563711



16622029



11650682



6541485



# Sweetspot

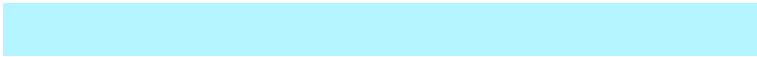
The Sweet Spot groups the original color and five complimentary colors.



12563711



15460607



11859455



7631232



0



8421504



# Same Dimension

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



12563711



11773695



14988543



7697280



1835199



589888



# Inverse Universe

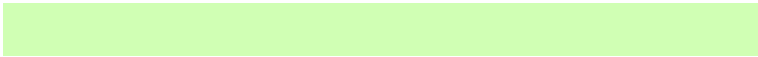
The Inverse Universe completely reimagines the original color for something new.



16758004



16754418



13696948



8418174



12517539

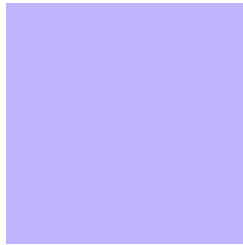


4194358



# Previews

## White Background



This preview shows how the Decimal color 12563711 looks on a white background.

## Color Contrast Check

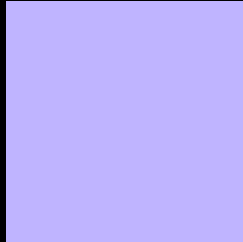
Large Text (above 18pt) WCAG AA × Fail

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 12563711 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

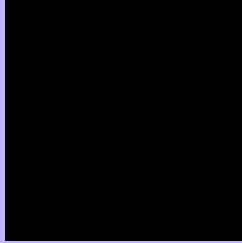
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12563711 Background



This preview shows how black text looks on a background with the Decimal color 12563711.

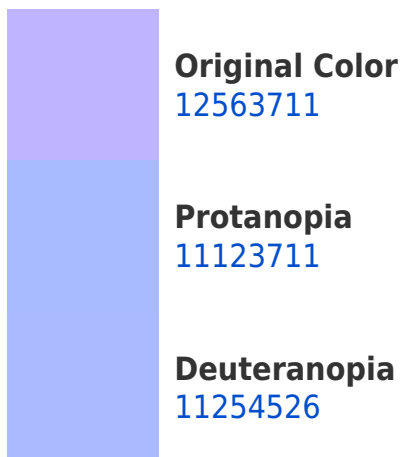


This preview shows how white text looks on a background with the Decimal color 12563711.

# 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**  
11910861

# Trichromacy



**Original Color**  
12563711

**Protanomaly**  
11647231

**Deuteranomaly**  
11712766

**Tritanomaly**  
12171999

# Monochromacy



**Original Color**  
12563711

**Achromatopsia**  
12632256

**Achromatomaly**  
12631255

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12563711 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 #BFB4FF looks like.

```
.text, #text, p{  
  color:#BFB4FF  
}
```

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 #BFB4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB4FF
}
```

## Border

The CSS property to change the border of an element to Decimal 12563711 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
#BFB4FF }
```

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

```
.border{ border-color:#BFB4FF }
```

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

Here you see how a box with a 4 pixel #BFB4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB4FF; -webkit-box-shadow:4px 4px  
4px 4px #BFB4FF; box-shadow:4px 4px 4px  
4px #BFB4FF }
```

# Background

The CSS property to change the background color of an element to Decimal 12563711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB4FF }
```

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

```
.background{ background-color:#BFB4FF }
```

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](#).



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