

Converting Colors

Decimal(12558311)

Have a look what the booklet for
Decimal(12558311) contains.

Decimal(12558311)	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(12558311)

Conversions

Conversions Part 1

Format	Color
Hex	BF9FE7
RGB	191, 159, 231
RGB Percent	75%, 62%, 91%
CMY	0.2510, 0.3765, 0.0941
CMYK	0.17, 0.31, 0.00, 0.09
HSL	267°, 60%, 76%
HSV	267°, 31%, 91%
XYZ	48.3078, 41.6422, 81.0929
YIQ	176.7760, -4.0400, 29.1760

Conversions

Conversions Part 2

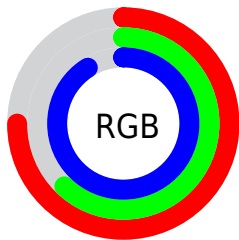
Format	Color
R_{YB}	191, 159, 231
Decimal	12558311
CIE _{Lab}	70.62, 25.64, -31.94
CIE _{LCh}	71, 40.959, 308.762
Yxy	41.6422, 0.2824, 0.2435
Android (android.graphics.Color)	4290748391 (0xFFBF9FE7)
YUV	176.7760, 26.7324, 12.4744
Hunter-Lab	64.5307, 20.6966, -29.3356

Details

The Decimal color **12558311** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13100959**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16307967**, and **9005999** is the 20% darker color. If you saturate the color by 10%, you get **11700455**, and if you desaturate by 10%, it is **13416167**.

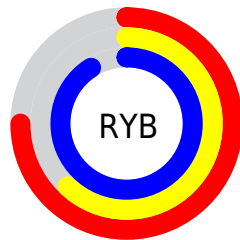
Distribution



Red (75%)

Green (62%)

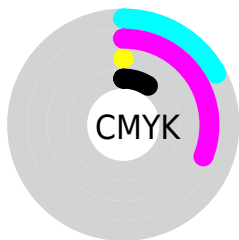
Blue (91%)



Red (75%)

Yellow (62%)

Blue (91%)

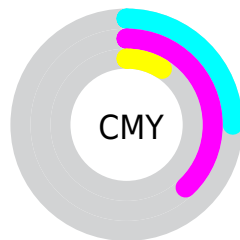


Cyan (17%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (38%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12558311 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 12558311 by changing the saturation by 10% instead.

12558311

12558311

16777215

10716619

16307967

9005999

16773887

7230356

5585786

3941729

2363209

1179698

540

0

 12558311

 12558311

 11700455

 13416167

 10842599

 14274023

 10050279

 15131879

 9192423

 15924199

 8334567

 16777191

 7476455

 6750439

Harmonies

Analogous

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



8891894



12558311



14980041

Triad

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



12558311



14393704



2015671

Complementary

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



12558311



13100959

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.



6471313



12558311



12234338

Square

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



12558311



15766912



9615473



49114

Rectangle

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



12558311



15830960



9615473



3850410

Sweetspot

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



12558311



15919359



10471655



7893376



0



8421504

Same Dimension

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



12558311



13345279



14852071



7104371



5177523



1507379

Inverse Universe

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



15179719



16753109



10807199



7563118



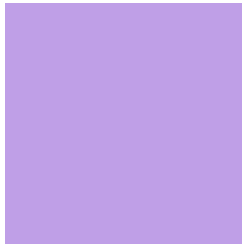
11731043



3342364

Previews

White Background



This preview shows how the Decimal color 12558311 looks on a white background.

Color Contrast Check

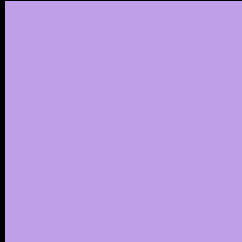
Large Text (above 18pt) WCAG AA × Fail

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 12558311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

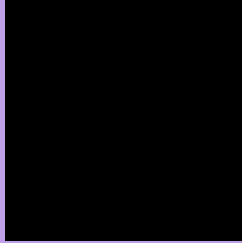
Any Text WCAG AA ✓ Pass

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 12558311 Background



This preview shows how black text looks on a background with the Decimal color 12558311.

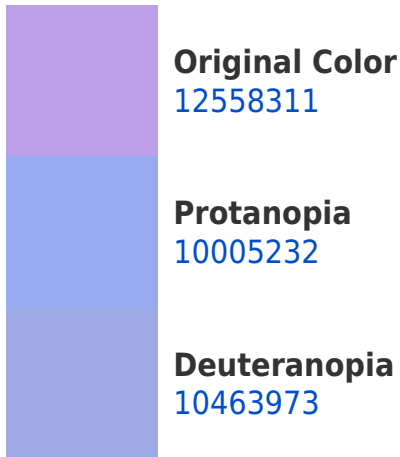


This preview shows how white text looks on a background with the Decimal color 12558311.

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
12036534

Trichromacy



Original Color
12558311

Protanomaly
10921709

Deuteranomaly
11249382

Tritanomaly
12232136

Monochromacy



Original Color
12558311

Achromatopsia
11645361

Achromatomaly
11971269

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12558311 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 #BF9FE7 looks like.

```
.text, #text, p{  
  color:#BF9FE7  
}
```

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 #BF9FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF9FE7
}
```

Border

The CSS property to change the border of an element to Decimal 12558311 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
#BF9FE7 }
```

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

```
.border{ border-color:#BF9FE7 }
```

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

Here you see how a box with a 4 pixel #BF9FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF9FE7; -webkit-box-shadow:4px 4px  
4px 4px #BF9FE7; box-shadow:4px 4px 4px  
4px #BF9FE7 }
```

Background

The CSS property to change the background color of an element to Decimal 12558311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF9FE7 }
```

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

```
.background{ background-color:#BF9FE7 }
```

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