

Converting Colors

Decimal(12493311)

Have a look what the booklet for
Decimal(12493311) contains.

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Color

Decimal(12493311)

Conversions

Conversions Part 1

Format	Color
Hex	BEA1FF
RGB	190, 161, 255
RGB Percent	75%, 63%, 100%
CMY	0.2549, 0.3686, 0.0000
CMYK	0.25, 0.37, 0.00, 0.00
HSL	259°, 100%, 82%
HSV	259°, 37%, 100%
XYZ	52.0301, 43.6569, 100.2921
YIQ	180.3870, -12.8900, 35.3820

Conversions

Conversions Part 2

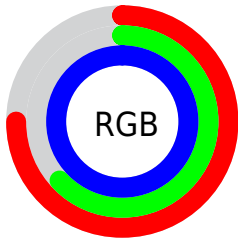
Format	Color
RYB	190, 161, 255
Decimal	12493311
CIELab	72.00, 29.71, -42.87
CIELCh	72, 52.164, 304.724
Yxy	43.6569, 0.2655, 0.2228
Android (android.graphics.Color)	4290683391 (0xFFBEA1FF)
YUV	180.3870, 36.7842, 8.4306
Hunter-Lab	66.0734, 24.9331, -43.7443

Details

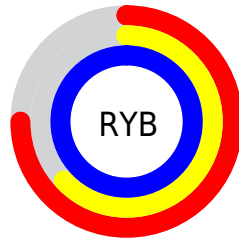
The Decimal color **12493311** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **14876577**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16308479**, and **8875462** is the 20% darker color. If you saturate the color by 10%, you get **11307007**, and if you desaturate by 10%, it is **13679615**.

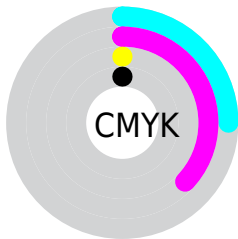
Distribution



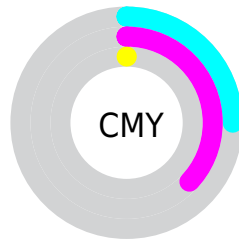
- Red (75%)
- Green (63%)
- Blue (100%)



- Red (75%)
- Yellow (63%)
- Blue (100%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12493311 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 12493311 by changing the saturation by 10% instead.

 12493311

 12493311

16777215

 10651618

 16308479

 8875462

 16774655

 7099562

 5324175

 3614325

 1773916

 68

 813

 279

■ 12493311

■ 12493311

■ 11307007

■ 13679615

■ 10186495

■ 14800127

■ 9000191

■ 15986431

■ 7814143

16777215

■ 6693375

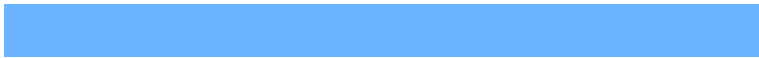
■ 5507327

■ 5177599

Harmonies

Analogous

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



7058431



12493311



15831258

Triad

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



12493311



15572826



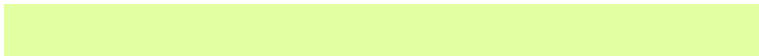
51639

Complementary

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



12493311



14876577

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.



5424518



12493311



12955726

Square

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



12493311



16748413



9747807



51173

Rectangle

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



12493311



16746939



9747807



51366

Sweetspot

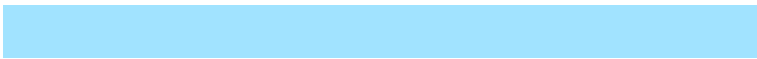
The Sweet Spot groups the original color and five complimentary colors.



12493311



15524863



10609663



7630720



0



8421504

Same Dimension

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



12493311



11636735



15507967



7828352



3866815



1310784

Inverse Universe

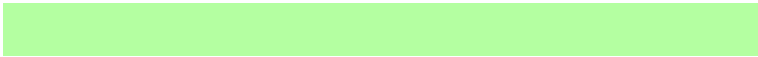
The Inverse Universe completely reimagines the original color for something new.



16753122



16748508



11861921



8418172



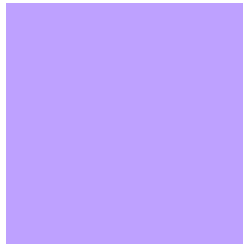
12517508



4194348

Previews

White Background



This preview shows how the Decimal color 12493311 looks on a white background.

Color Contrast Check

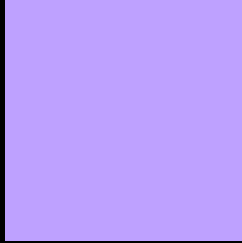
Large Text (above 18pt) WCAG AA × Fail

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 12493311 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 12493311 Background



This preview shows how black text looks on a background with the Decimal color 12493311.



This preview shows how white text looks on a background with the Decimal color 12493311.

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
11710397

Trichromacy



Original Color
12493311

Protanomaly
10856959

Deuteranomaly
10726141

Tritanomaly
11971285

Monochromacy



Original Color
12493311

Achromatopsia
11842740

Achromatomaly
12103119

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12493311 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 #BEA1FF looks like.

```
.text, #text, p{  
  color:#BEA1FF  
}
```

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 #BEA1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA1FF  
}
```

Border

The CSS property to change the border of an element to Decimal 12493311 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  
#BEA1FF }
```

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

```
.border{ border-color:#BEA1FF }
```

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

Here you see how a box with a 4 pixel #BEA1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA1FF; -webkit-box-shadow:4px 4px  
4px 4px #BEA1FF; box-shadow:4px 4px 4px  
4px #BEA1FF }
```

Background

The CSS property to change the background color of an element to Decimal 12493311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA1FF }
```

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

```
.background{ background-color:#BEA1FF }
```

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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