

Converting Colors

Android(4291467756)

Have a look what the booklet for
Android(4291467756) contains.

Android(4291467756)	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

Android(4291467756)

Conversions

Conversions Part 1

Format	Color
Hex	CA99EC
RGB	202, 153, 236
RGB Percent	79%, 60%, 93%
CMY	0.2078, 0.4000, 0.0745
CMYK	0.14, 0.35, 0.00, 0.07
HSL	275°, 69%, 76%
HSV	275°, 35%, 93%
XYZ	50.8887, 41.3952, 84.6648
YIQ	177.1130, 2.5610, 36.2010

Conversions

Conversions Part 2

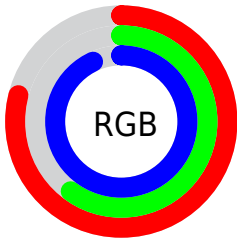
Format	Color
RYB	202, 153, 236
Decimal	13277676
CIELab	70.45, 33.37, -34.86
CIELCh	70, 48.254, 313.749
Yxy	41.3952, 0.2876, 0.2339
Android (android.graphics.Color)	4291467756 (0xFFCA99EC)
YUV	177.1130, 29.0313, 21.8259
Hunter-Lab	64.3391, 28.5904, -32.9833

Details

The Android color `4291467756` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290505881`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4294955263`, and `4287849908` is the 20% darker color. If you saturate the color by 10%, you get `4290806252`, and if you desaturate by 10%, it is `4292129260`.

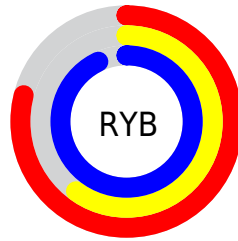
Distribution



Red (79%)

Green (60%)

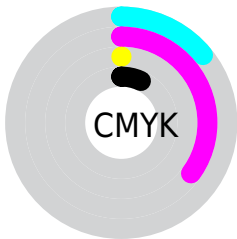
Blue (93%)



Red (79%)

Yellow (60%)

Blue (93%)

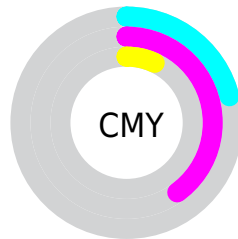


Cyan (14%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (21%)

Magenta (40%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291467756 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 Android color 4291467756 by changing the saturation by 10% instead.

 4291467756

 4291467756

4294967295

 4289626064

 4294955263

 4287849908

 4294962431

 4286074009

 4284364159

 4282719589

 4281075021

 4279894070

 4278190623

 4278190083

 4291467756

 4291467756

 4290806252

 4292129260

 4290210540

 4292724972

 4289549036

 4293386476

 4288887788

 4294047724

 4288291820

 4294639596

 4287630316

 4294967276

 4287299820

Harmonies

Analogous

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



4287212287



4291467756



4294085574

Triad

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



4291467756



4292583767



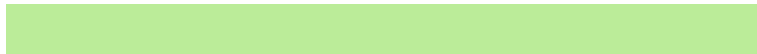
4278240192

Complementary

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



4291467756



4290505881

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.



4282433938



4291467756



4289966164

Square

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



4291467756



4294414962



4286757739



4278239464

Rectangle

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



4291467756



4294871208



4286757739



4278240177

Sweetspot

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



4291467756



4294239231



4288265452



4286148480



4278190080



4286611584

Same Dimension

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



4291467756



4292056319



4293695973



4285557365



4285202613



4280287286

Inverse Universe

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



4293695931



4294939840



4288277664



4285885038



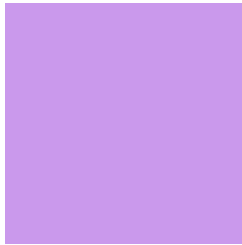
4290052170



4281729046

Previews

White Background



This preview shows how the Android color 4291467756 looks on a white background.

Color Contrast Check

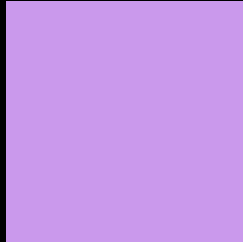
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4291467756 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](#).

Android 4291467756 Background



This preview shows how black text looks on a background with the Android color 4291467756.




This preview shows how white text looks on a background with the Android color 4291467756.

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
4290880946

Trichromacy



Original Color
4291467756



Protanomaly
4289176820



Deuteranomaly
4289570026



Tritanomaly
4291076551

Monochromacy



Original Color
4291467756



Achromatopsia
4289835441



Achromatomaly
4290422982

CSS Examples

Text

The CSS property to change the color of the text to Android 4291467756 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 `rgb(202, 153, 236)` looks like.

```
.text, #text, p{  
    color:rgb(202, 153, 236)  
}
```

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 rgb(202, 153, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 153, 236) }
```

Border

The CSS property to change the border of an element to Android 4291467756 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 rgb(202, 153, 236) }
```

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

```
.border{ border-color:rgb(202, 153, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 153, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 153, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 153, 236);  
box-shadow:4px 4px 4px 4px rgb(202, 153,  
236) }
```

Background

The CSS property to change the background color of an element to Android 4291467756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 153, 236) }
```

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

```
.background{ background-color: rgb(202,  
153, 236) }
```

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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