

Converting Colors

Android(4291475941)

Have a look what the booklet for
Android(4291475941) contains.

Android(4291475941)	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(4291475941)

Conversions

Conversions Part 1

Format	Color
Hex	CAB9E5
RGB	202, 185, 229
RGB Percent	79%, 73%, 90%
CMY	0.2078, 0.2745, 0.1020
CMYK	0.12, 0.19, 0.00, 0.10
HSL	263°, 46%, 81%
HSV	263°, 19%, 90%
XYZ	55.8489, 52.9116, 81.3981
YIQ	195.0990, -3.9920, 17.2880

Conversions

Conversions Part 2

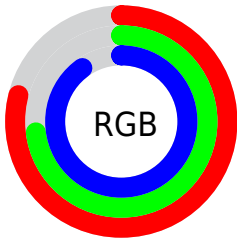
Format	Color
R _{YB}	202, 185, 229
Decimal	13285861
CIE _{Lab}	77.82, 14.38, -19.75
CIE _{LCh}	78, 24.433, 306.056
Yxy	52.9116, 0.2937, 0.2782
Android (android.graphics.Color)	4291475941 (0xFFCAB9E5)
YUV	195.0990, 16.7132, 6.0522
Hunter-Lab	72.7404, 9.7539, -15.4286

Details

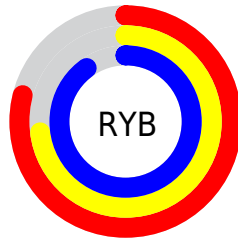
The Android color `4291475941` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4292142521`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4294963711`, and `4287923373` is the 20% darker color. If you saturate the color by 10%, you get `4290552549`, and if you desaturate by 10%, it is `4292399333`.

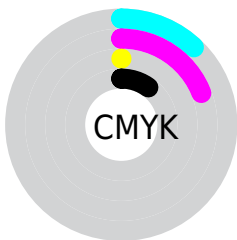
Distribution



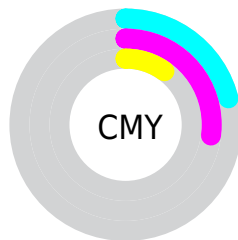
- Red (79%)
- Green (73%)
- Blue (90%)



- Red (79%)
- Yellow (73%)
- Blue (90%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291475941 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 4291475941 by changing the saturation by 10% instead.

 4291475941

 4291475941

4294967295

 4289633993

 4294963711

 4287923373

 4286213011

 4284502649

 4282923872

 4281410888

 4279963953

 4278190109

 4278190080

 4291475941

 4291475941

 4290552549

 4292399333

 4289629157

 4293322725

 4288705765

 4294246117

 4287782373

 4294967269

 4286858981

 4285935845

 4285012453

 4284089061

 4283957477

Harmonies

Analogous

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



4289511917



4291475941



4293047251

Triad

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



4291475941



4292983192



4287024580

Complementary

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



4291475941



4292142521

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.



4288335021



4291475941



4291674259

Square

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



4291475941



4293768103



4290037659



4286696666

Rectangle

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



4291475941



4293636292



4290037659



4287417788

Sweetspot

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



4291475941



4294373631



4290368741



4286216064



4278190080



4286611584

Same Dimension

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



4291475941



4292592895



4292917733



4285294451



4282712243



4279500851

Inverse Universe

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



4293245396



4294952168



4290700729



4285753198



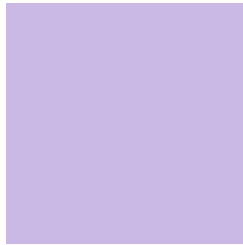
4289921134



4281532447

Previews

White Background



This preview shows how the Android color 4291475941 looks on a white background.

Color Contrast Check

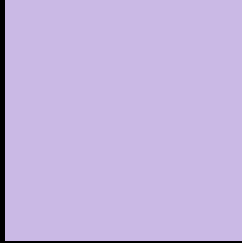
Large Text (above 18pt) WCAG AA × Fail

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 4291475941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

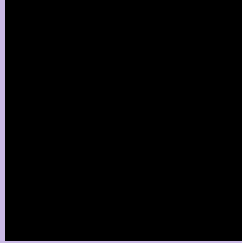
Any Text WCAG AA ✓ Pass

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 4291475941 Background



This preview shows how black text looks on a background with the Android color 4291475941.



This preview shows how white text looks on a background with the Android color 4291475941.

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



Original Color
4291475941

Protanopia
4290232297

Deuteranopia
4290886884



Tritanopia
4291214796

Trichromacy



Original Color
4291475941

Protanomaly
4290690536

Deuteranomaly
4291083236

Tritanomaly
4291280085

Monochromacy



Original Color
4291475941

Achromatopsia
4291019715

Achromatomaly
4291215311

CSS Examples

Text

The CSS property to change the color of the text to Android 4291475941 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, 185, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 185, 229)  
}
```

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, 185, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 185, 229) }
```

Border

The CSS property to change the border of an element to Android 4291475941 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, 185, 229) }
```

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

```
.border{ border-color:rgb(202, 185, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 185, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 185, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 185, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 185,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4291475941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 185, 229) }
```

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

```
.background{ background-color: rgb(202,  
185, 229) }
```

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