

Converting Colors

Android(4291400646)

Have a look what the booklet for
Android(4291400646) contains.

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Color

Android(4291400646)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C993C6 |
| RGB | 201, 147, 198 |
| RGB Percent | 79%, 58%, 78% |
| CMY | 0.2118, 0.4235, 0.2235 |
| CMYK | 0.00, 0.27, 0.01, 0.21 |
| HSL | 303°, 33%, 68% |
| HSV | 303°, 27%, 79% |
| XYZ | 44.7142, 37.3622, 58.2810 |
| YIQ | 168.9600, 15.8130, 27.3090 |

Conversions

Conversions Part 2

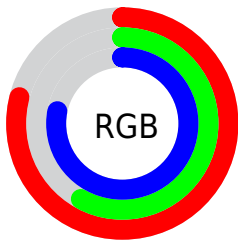
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 147, 198 |
| Decimal | 13210566 |
| CIE _{Lab} | 67.55, 28.75, -18.34 |
| CIE _{LCh} | 68, 34.102, 327.467 |
| Yxy | 37.3622, 0.3186, 0.2662 |
| Android (android.graphics.Color) | 4291400646 (0xFFC993C6) |
| YUV | 168.9600, 14.3167, 28.0991 |
| Hunter-Lab | 61.1246, 23.6091, -13.7445 |

Details

The Android color `4291400646` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4287875478`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294953727`, and `4287783056` is the 20% darker color. If you saturate the color by 10%, you get `4291395525`, and if you desaturate by 10%, it is `4291405767`.

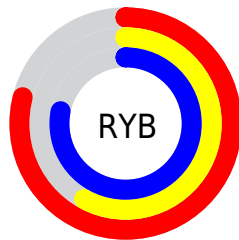
Distribution



Red (79%)

Green (58%)

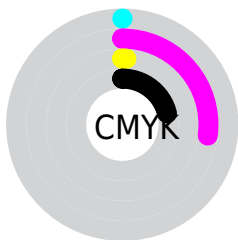
Blue (78%)



Red (79%)

Yellow (58%)

Blue (78%)

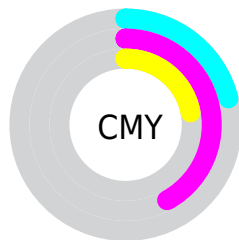


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291400646 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 4291400646 by changing the saturation by 10% instead.

 4291400646

 4291400646

4294967295

 4289558955

 4294953727

 4287783056

 4294960895

 4286072694

 4284428382

 4282784070

 4281205295

 4279828507

 4278190080

 4291400646

 4291400646

4291395525

4291405767

4291390404

4291410888

4291385283

4291416009

4291380162

4291421130

4291374784

4291426508

4291369663

4291428301

4291364542

4291428302

4291363006

4291428303

4291428304

Harmonies

Analogous

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



4289044187



4291400646



4292709800

Triad

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



4291400646



4290552423



4281578944

Complementary

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



4291400646



4287875478

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.



4283544993



4291400646



4288457581

Square

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



4291400646



4292122482



4286100098



4282757335

Rectangle

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



4291400646



4292971924



4286100098



4282037686

Sweetspot

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



4291400646



4294962174



4288058313



4286608255



4278190080



4286611584

Same Dimension

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



4291400646



4294946298



4291400619



4284701283



4288872602



4280549410

Inverse Universe

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



4291400646



4294946298



4287875505



4284701283



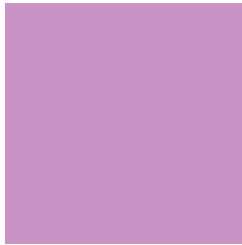
4288872602



4280549410

Previews

White Background



This preview shows how the Android color 4291400646 looks on a white background.

Color Contrast Check

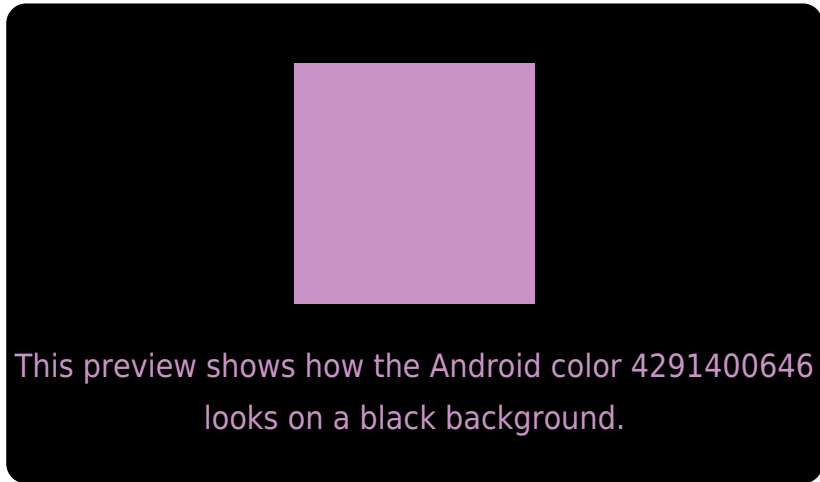
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

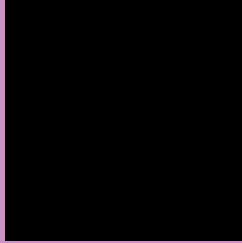
Any Text WCAG AA ✓ Pass

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 4291400646 Background



This preview shows how black text looks on a background with the Android color 4291400646.



This preview shows how white text looks on a background with the Android color 4291400646.

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
4291400646

Protanopia
4288259025

Deuteranopia
4289110467



Tritanopia
4291140005

Trichromacy



Original Color
4291400646

Protanomaly
4289371597

Deuteranomaly
4289961156

Tritanomaly
4291205041

Monochromacy



Original Color
4291400646

Achromatopsia
4289309097

Achromatomaly
4290093492

CSS Examples

Text

The CSS property to change the color of the text to Android 4291400646 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(201, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 147, 198)  
}
```

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(201, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 147, 198) }
```

Border

The CSS property to change the border of an element to Android 4291400646 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(201, 147, 198) }
```

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

```
.border{ border-color:rgb(201, 147, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 147, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 147, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 147, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 147,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4291400646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 147, 198) }
```

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

```
.background{ background-color: rgb(201,  
147, 198) }
```

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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