

Converting Colors

Android(4291396072)

Have a look what the booklet for
Android(4291396072) contains.

Android(4291396072)	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(4291396072)

Conversions

Conversions Part 1

Format	Color
Hex	C981E8
RGB	201, 129, 232
RGB Percent	79%, 51%, 91%
CMY	0.2118, 0.4941, 0.0902
CMYK	0.13, 0.44, 0.00, 0.09
HSL	282°, 69%, 71%
HSV	282°, 44%, 91%
XYZ	46.5031, 33.9442, 80.4448
YIQ	162.2700, 9.8490, 47.2970

Conversions

Conversions Part 2

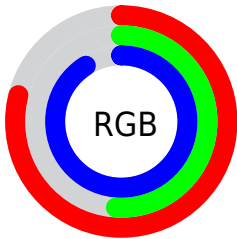
Format	Color
RYB	201, 129, 232
Decimal	13205992
CIELab	64.92, 45.20, -41.29
CIElCh	65, 61.223, 317.591
Yxy	33.9442, 0.2890, 0.2110
Android (android.graphics.Color)	4291396072 (0xFFC981E8)
YUV	162.2700, 34.3769, 33.9662
Hunter-Lab	58.2617, 40.5167, -41.0815

Details

The Android color `4291396072` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288735361`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4294948863`, and `4287712688` is the 20% darker color. If you saturate the color by 10%, you get `4290931432`, and if you desaturate by 10%, it is `4291860712`.

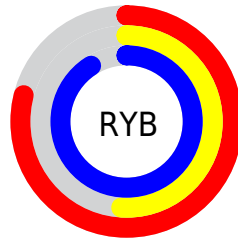
Distribution



Red (79%)

Green (51%)

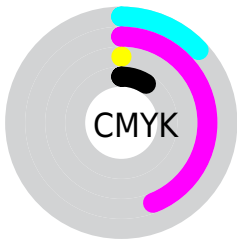
Blue (91%)



Red (79%)

Yellow (51%)

Blue (91%)

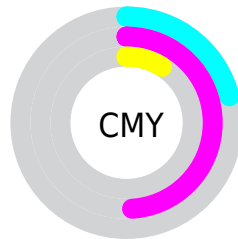


Cyan (13%)

Magenta (44%)

Yellow (0%)

Black (9%)



Cyan (21%)















Magenta (49%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the Android color 4291396072 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 4291396072 by changing the saturation by 10% instead.

 4291396072	 4291396072
4294967295	 4289554380
 4294948863	 4287712688
 4294956287	 4285936789
 4294963455	 4284160635
	 4282450017
	 4280811593
	 4278976562
	 4278190364
	 4278190080

 4291396072

 4291396072

 4290931432

 4291860712

 4290466792

 4292325352

 4290001896

 4292790248

 4289537256

 4293254888

 4289072616

 4293719528

 4288807144

 4294180840

 4294639592

 4294967272

Harmonies

Analogous

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



4285831423



4291396072



4294340023

Triad

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



4291396072



4291662635



4278237373

Complementary

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



4291396072



4288735361

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.



4278236804



4291396072



4288390442

Square

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



4291396072



4294081870



4284133455



4278236397

Rectangle

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



4291396072



4294929042



4284133455



4278237354

Sweetspot

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



4291396072



4294303487



4286685928



4286147456



4278190080



4286611584

Same Dimension

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



4291396072



4292245759



4293427669



4285491059



4286382259



4280549427

Inverse Universe

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



4293427616



4294932641



4286703764



4285753195



4289921078



4281532431

Previews

White Background



This preview shows how the Android color 4291396072 looks on a white background.

Color Contrast Check

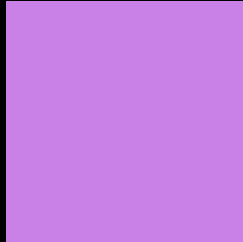
Large Text (above 18pt) WCAG AA × Fail

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 4291396072 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 4291396072 Background



This preview shows how black text looks on a background with the Android color 4291396072.



This preview shows how white text looks on a background with the Android color 4291396072.

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



Trichromacy



Original Color
4291396072



Protanomaly
4287992566



Deuteranomaly
4288451301

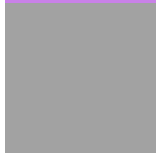


Tritanomaly
4290940088

Monochromacy



Original Color
4291396072



Achromatopsia
4288848546



Achromatomaly
4289763003

CSS Examples

Text

The CSS property to change the color of the text to Android 4291396072 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, 129, 232)` looks like.

```
.text, #text, p{  
    color:rgb(201, 129, 232)  
}
```

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, 129, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 129, 232) }
```

Border

The CSS property to change the border of an element to Android 4291396072 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, 129, 232) }
```

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

```
.border{ border-color:rgb(201, 129, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 129, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 129, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 129, 232);  
box-shadow:4px 4px 4px 4px rgb(201, 129,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4291396072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 129, 232) }
```

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

```
.background{ background-color: rgb(201,  
129, 232) }
```

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