

Converting Colors

Android(4291396068)

Have a look what the booklet for
Android(4291396068) contains.

Android(4291396068)	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(4291396068)

Conversions

Conversions Part 1

Format	Color
Hex	C981E4
RGB	201, 129, 228
RGB Percent	79%, 51%, 89%
CMY	0.2118, 0.4941, 0.1059
CMYK	0.12, 0.43, 0.00, 0.11
HSL	284°, 65%, 70%
HSV	284°, 43%, 89%
XYZ	45.9412, 33.7195, 77.4859
YIQ	161.8140, 11.1330, 46.0530

Conversions

Conversions Part 2

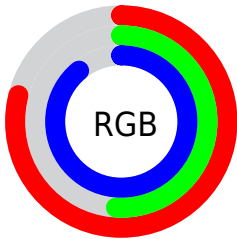
Format	Color
RYB	201, 129, 228
Decimal	13205988
CIELab	64.74, 44.38, -39.35
CIELCh	65, 59.317, 318.436
Yxy	33.7195, 0.2923, 0.2146
Android (android.graphics.Color)	4291396068 (0xFFC981E4)
YUV	161.8140, 32.6297, 34.3661
Hunter-Lab	58.0685, 39.6016, -38.4680

Details

The Android color `4291396068` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288472193`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4294948863`, and `4287712684` is the 20% darker color. If you saturate the color by 10%, you get `4290996964`, and if you desaturate by 10%, it is `4291795172`.

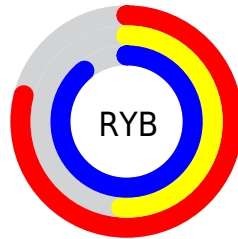
Distribution



Red (79%)

Green (51%)

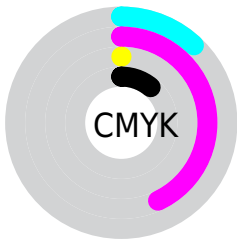
Blue (89%)



Red (79%)

Yellow (51%)

Blue (89%)

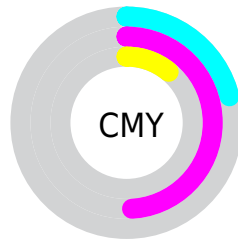


Cyan (12%)

Magenta (43%)

Yellow (0%)

Black (11%)



Cyan (21%)















Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291396068 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 4291396068 by changing the saturation by 10% instead.

 4291396068	 4291396068
4294967295	 4289554376
 4294948863	 4287712684
 4294956031	 4285936785
 4294963455	 4284226167
	 4282515550
	 4280877126
	 4279042095
	 4278190361
	 4278190080

4291396068

4291396068

4290996964

4291795172

4290597860

4292194276

4290133476

4292658660

4289734372

4293057764

4289335268

4293456868

4289069284

4293853156

4294311908

4294705124

4294967268

Harmonies

Analogous

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



4286158847



4291396068



4294143924

Triad

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



4291396068



4291531566



4278237117

Complementary

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



4291396068



4288472193

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.



4278236550



4291396068



4288324655

Square

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



4291396068



4293819983



4284198995



4278236139

Rectangle

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



4291396068



4294864016



4284198995



4278237099

Sweetspot

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



4291396068



4294369023



4286684644



4286212992



4278190080



4286611584

Same Dimension

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



4291396068



4292573951



4293165519



4285556595



4286709939



4280614963

Inverse Universe

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



4293165468



4294933151



4286702742



4285753194



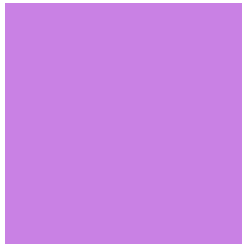
4289921073



4281532430

Previews

White Background



This preview shows how the Android color 4291396068 looks on a white background.

Color Contrast Check

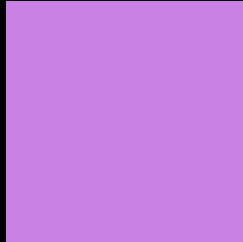
Large Text (above 18pt) WCAG AA × Fail

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 4291396068 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 4291396068 Background



This preview shows how black text looks on a background with the Android color 4291396068.



This preview shows how white text looks on a background with the Android color 4291396068.

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
4291396068

Protanopia
4286159609

Deuteranopia
4286946527



Tritanopia
4290679196

Trichromacy



Original Color
4291396068



Protanomaly
4288057841



Deuteranomaly
4288582369



Tritanomaly
4290939830

Monochromacy



Original Color
4291396068



Achromatopsia
4288848546



Achromatomaly
4289763002

CSS Examples

Text

The CSS property to change the color of the text to Android 4291396068 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(201, 129, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 129, 228) }
```

Border

The CSS property to change the border of an element to Android 4291396068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

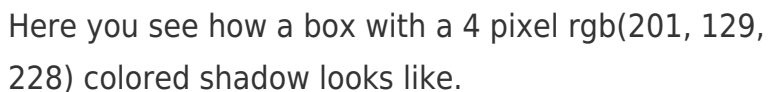
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 129, 228) }
```

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

```
.border{ border-color:rgb(201, 129, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 129, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 129, 228); box-shadow:4px 4px 4px 4px rgb(201, 129, 228) }
```

Background

The CSS property to change the background color of an element to Android 4291396068 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, 228) }
```

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

```
.background{ background-color: rgb(201,  
129, 228) }
```

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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