

Converting Colors

Android(4291002064)

Have a look what the booklet for
Android(4291002064) contains.

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Color

Android(4291002064)

Conversions

Conversions Part 1

Format	Color
Hex	C37ED0
RGB	195, 126, 208
RGB Percent	76%, 49%, 82%
CMY	0.2353, 0.5059, 0.1843
CMYK	0.06, 0.39, 0.00, 0.18
HSL	290°, 47%, 65%
HSV	290°, 39%, 82%
XYZ	41.3517, 31.0779, 63.4937
YIQ	155.9790, 14.8020, 40.1300

Conversions

Conversions Part 2

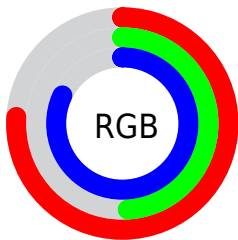
Format	Color
RYB	195, 126, 208
Decimal	12811984
CIELab	62.57, 40.19, -31.62
CIElCh	63, 51.138, 321.806
Yxy	31.0779, 0.3042, 0.2286
Android (android.graphics.Color)	4291002064 (0xFFC37ED0)
YUV	155.9790, 25.6464, 34.2214
Hunter-Lab	55.7475, 34.8473, -28.5051

Details

The Android color `4291002064` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4287352958`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4294817023`, and `4287384473` is the 20% darker color. If you saturate the color by 10%, you get `4290800080`, and if you desaturate by 10%, it is `4291204048`.

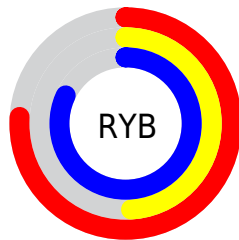
Distribution



Red (76%)

Green (49%)

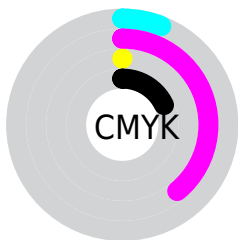
Blue (82%)



Red (76%)

Yellow (49%)

Blue (82%)

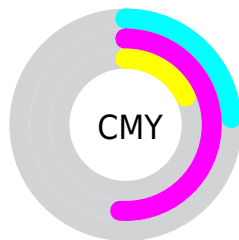


Cyan (6%)

Magenta (39%)

Yellow (0%)

Black (18%)



Cyan (24%)















Magenta (51%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the Android color 4291002064 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 4291002064 by changing the saturation by 10% instead.

 4291002064	 4291002064
4294967295	 4289160372
 4294817023	 4287384473
 4294955263	 4285608575
 4294962687	 4283898214
	 4282253389
	 4280811574
	 4278190112
	 4278190084
	 4278190080

 4291002064

 4291002064


 4290800080

 4291204048

 4290532560

 4291471568

 4290330832

 4291673296

 4290128848

 4291875280

 4289926864

 4292077264

 4289659344

 4292344784

 4289659088

 4292542416

 4292739024

 4293001168

Harmonies

Analogous

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



4286943468



4291002064



4293161382

Triad

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



4291002064



4290548026



4278234808

Complementary

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



4291002064



4287352958

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.



4278234505



4291002064



4287733566

Square

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



4291002064



4292640593



4284131421



4278233822

Rectangle

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



4291002064



4293685383



4284131421



4278234792

Sweetspot

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



4291002064



4294631679



4286483664



4286410368



4278190080



4286611584

Same Dimension

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



4291002064



4293691391



4291854005



4284964457



4287496360



4280418345

Inverse Universe

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



4291853963



4294936474



4286501017



4285095520



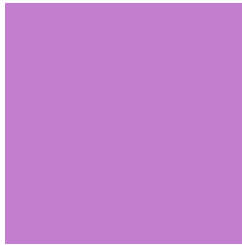
4289200155



4280877062

Previews

White Background



This preview shows how the Android color 4291002064 looks on a white background.

Color Contrast Check

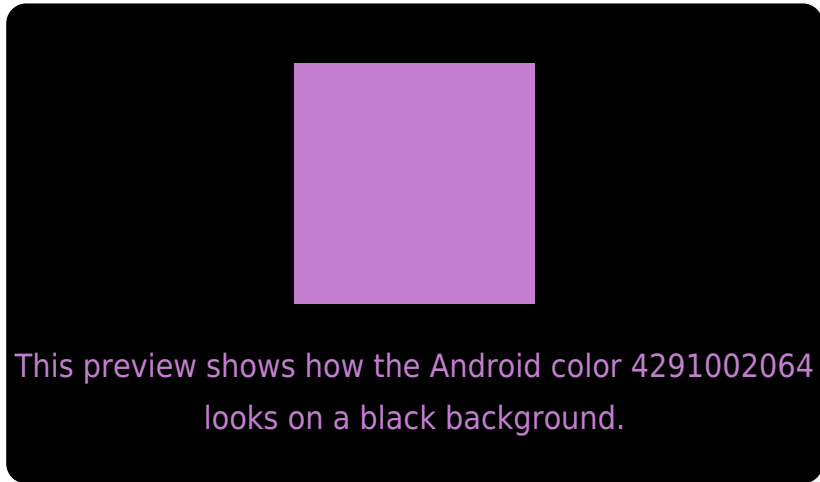
Large Text (above 18pt) WCAG AA × Fail

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

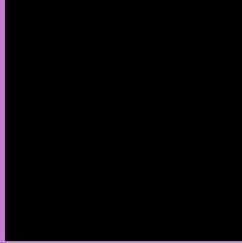
Any Text WCAG AA ✓ Pass

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 4291002064 Background



This preview shows how black text looks on a background with the Android color 4291002064.




This preview shows how white text looks on a background with the Android color 4291002064.

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
4290481045

Trichromacy



Original Color
4291002064

Protanomaly
4288056795

Deuteranomaly
4288581069

Tritanomaly
4290676394

Monochromacy



Original Color
4291002064

Achromatopsia
4288453788

Achromatomaly
4289368495

CSS Examples

Text

The CSS property to change the color of the text to Android 4291002064 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(195, 126, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 208)  
}
```

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(195, 126, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 208) }
```

Border

The CSS property to change the border of an element to Android 4291002064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

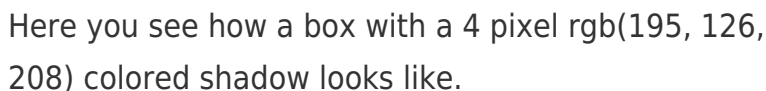
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 126, 208) }
```

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

```
.border{ border-color:rgb(195, 126, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 126, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 126, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 126, 208);  
box-shadow:4px 4px 4px 4px rgb(195, 126,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4291002064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 208) }
```

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

```
.background{ background-color: rgb(195,  
126, 208) }
```

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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