

Converting Colors

Android(4291064022)

Have a look what the booklet for
Android(4291064022) contains.

Android(4291064022)	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(4291064022)

Conversions

Conversions Part 1

Format	Color
Hex	C470D6
RGB	196, 112, 214
RGB Percent	77%, 44%, 84%
CMY	0.2314, 0.5608, 0.1608
CMYK	0.08, 0.48, 0.00, 0.16
HSL	289°, 55%, 64%
HSV	289°, 48%, 84%
XYZ	40.6967, 28.1791, 66.9125
YIQ	148.7440, 17.3220, 49.5300

Conversions

Conversions Part 2

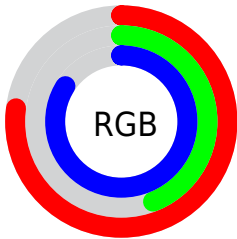
Format	Color
R _Y B	196, 112, 214
Decimal	12873942
CIE Lab	60.05, 49.05, -38.92
CIE LCh	60, 62.617, 321.574
Yxy	28.1791, 0.2997, 0.2075
Android (android.graphics.Color)	4291064022 (0xFFC470D6)
YUV	148.7440, 32.1712, 41.4435
Hunter-Lab	53.0840, 43.9495, -37.5763

Details

The Android color `4291064022` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4286764656`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4294878975`, and `4287380639` is the 20% darker color. If you saturate the color by 10%, you get `4290796502`, and if you desaturate by 10%, it is `4291331542`.

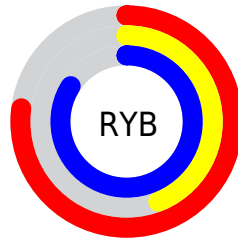
Distribution



Red (77%)

Green (44%)

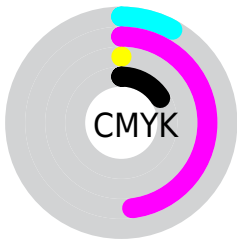
Blue (84%)



Red (77%)

Yellow (44%)

Blue (84%)

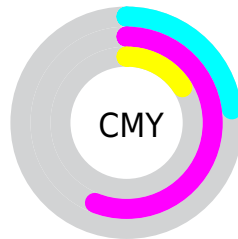


Cyan (8%)

Magenta (48%)

Yellow (0%)

Black (16%)



Cyan (23%)


Magenta (56%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291064022 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 4291064022 by changing the saturation by 10% instead.

 4291064022

 4291064022

4294967295

 4289222330

 4294878975

 4287380639

 4294951679

 4285604228

 4294959103

 4283891819

 4294966527

 4282187858


 4280746043

 4278190116

 4278190091

 4278190080


 4291064022

 4291064022

 4290796502

 4291331542

 4290528726

 4291599318

 4290326742

 4291801302

 4290058966

 4292069078

 4289791446

 4292336598

 4289724630

 4292604118

 4292804566

 4293066710

 4293328854

Harmonies

Analogous

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



4285762040



4291064022



4293680291

Triad

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



4291064022



4290349331



4278234040

Complementary

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



4291064022



4286764656

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.



4278233727



4291064022



4287011354

Square

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



4291064022



4292899386



4282229832



4278233062

Rectangle

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



4291064022



4294204286



4282229832



4278234021

Sweetspot

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



4291064022



4294564863



4285563862



4286343808



4278190080



4286611584

Same Dimension

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



4291064022



4293226239



4292243638



4285096043



4287430827



4280549419

Inverse Universe

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



4292243586



4294930055



4285585040



4285227106



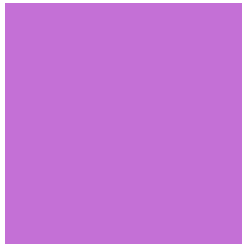
4289396766



4281008136

Previews

White Background



This preview shows how the Android color 4291064022 looks on a white background.

Color Contrast Check

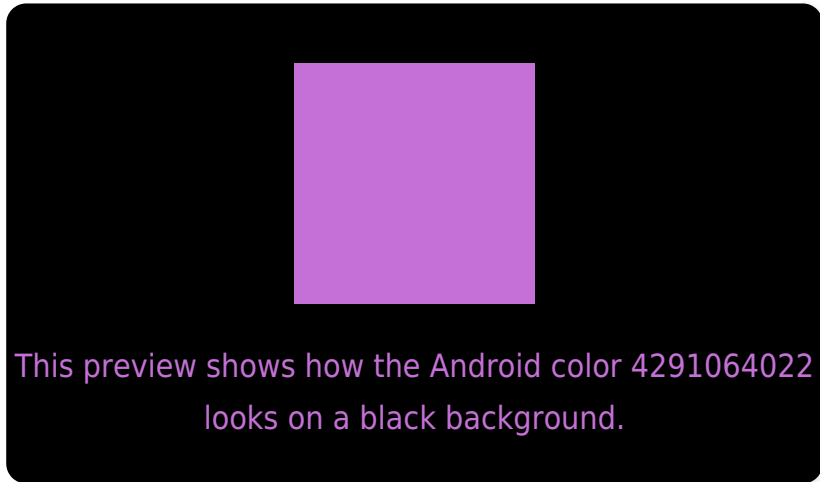
Large Text (above 18pt) WCAG AA ✓ Pass

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

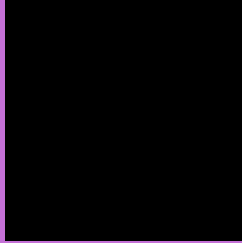
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4291064022 Background



This preview shows how black text looks on a background with the Android color 4291064022.



This preview shows how white text looks on a background with the Android color 4291064022.

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

4291064022



Protanomaly

4287267815



Deuteranomaly

4287923410



Tritanomaly

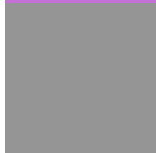
4290673574

Monochromacy



Original Color

4291064022



Achromatopsia

4287993237



Achromatomaly

4289104045

CSS Examples

Text

The CSS property to change the color of the text to Android 4291064022 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(196, 112, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 214)  
}
```

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(196, 112, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 214) }
```

Border

The CSS property to change the border of an element to Android 4291064022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

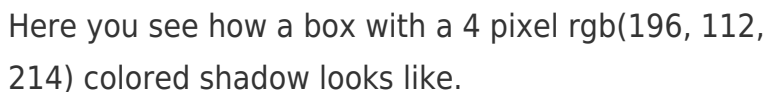
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 112, 214) }
```

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

```
.border{ border-color:rgb(196, 112, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 112, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 112, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 112, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 112,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4291064022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 112, 214) }
```

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

```
.background{ background-color: rgb(196,  
112, 214) }
```

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