

Converting Colors

Android(4291524818)

Have a look what the booklet for
Android(4291524818) contains.

Android(4291524818)	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(4291524818)

Conversions

Conversions Part 1

Format	Color
Hex	CB78D2
RGB	203, 120, 210
RGB Percent	80%, 47%, 82%
CMY	0.2039, 0.5294, 0.1765
CMYK	0.03, 0.43, 0.00, 0.18
HSL	295°, 50%, 65%
HSV	295°, 43%, 82%
XYZ	42.9779, 30.7826, 64.6492
YIQ	155.0770, 20.5780, 45.5860

Conversions

Conversions Part 2

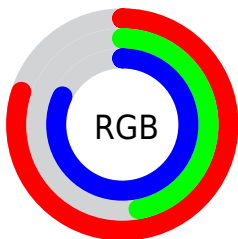
Format	Color
R _Y B	203, 120, 210
Decimal	13334738
CIE Lab	62.32, 46.17, -33.06
CIE LCh	62, 56.784, 324.397
Yxy	30.7826, 0.3105, 0.2224
Android (android.graphics.Color)	4291524818 (0xFFFCB78D2)
YUV	155.0770, 27.0770, 42.0285
Hunter-Lab	55.4821, 41.1774, -30.2489

Details

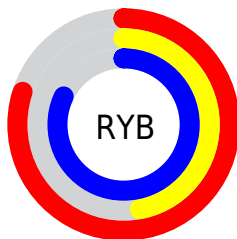
The Android color `4291524818` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4286567032`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4294946559`, and `4287841435` is the 20% darker color. If you saturate the color by 10%, you get `4291388370`, and if you desaturate by 10%, it is `4291661266`.

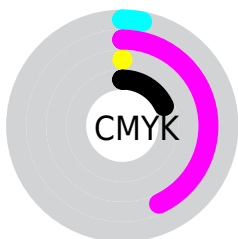
Distribution



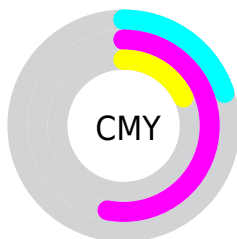
- Red (80%)
- Green (47%)
- Blue (82%)



- Red (80%)
- Yellow (47%)
- Blue (82%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (18%)





- Cyan (20%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291524818 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 4291524818 by changing the saturation by 10% instead.

 4291524818

 4291524818

4294967295

 4289683126

 4294946559

 4287841435

 4294953727

 4286065281

 4294961151

 4284353639


 4282646607


 4281139256

 4278845473

 4278190086

 4278190080


 4291524818


 4291524818

 4291388370

 4291661266

 4291317458

 4291732178

 4291181010

 4291868626

 4291044562

 4292005074

 4290973650

 4292075986

 4290904274

 4292212434

 4292280274

 4292411346

 4292542418

Harmonies

Analogous

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



4287139315



4291524818



4293749154

Triad

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



4291524818



4290416939



4278235071

Complementary

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



4291524818



4286567032

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.



4278235019



4291524818



4287209523

Square

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



4291524818



4292771141



4282952281



4278233832

Rectangle

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



4291524818



4294142336



4282952281



4278235054

Sweetspot

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



4291524818



4294762239



4286087122



4286475136



4278190080



4286611584

Same Dimension

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



4291524818



4294278655



4291983532



4285029993



4288348328



4280680489

Inverse Universe

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



4291983487



4294933895



4286108318



4285095519



4289200141



4280877059

Previews

White Background



This preview shows how the Android color 4291524818 looks on a white background.

Color Contrast Check

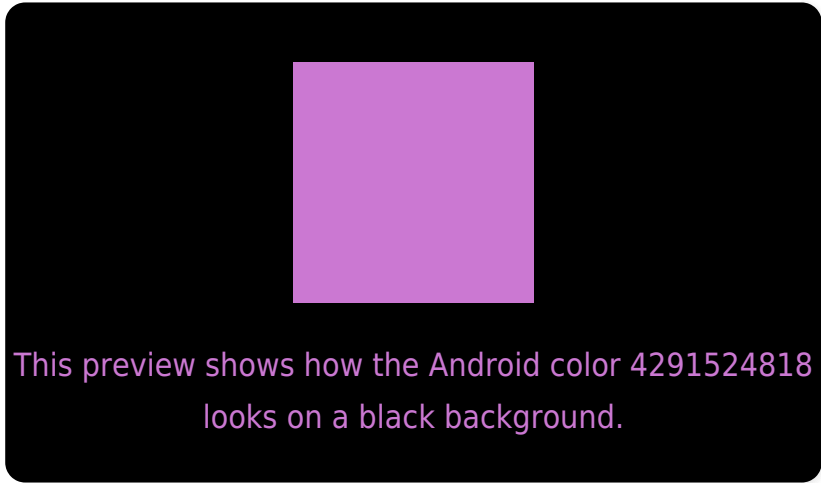
Large Text (above 18pt) WCAG AA × Fail

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

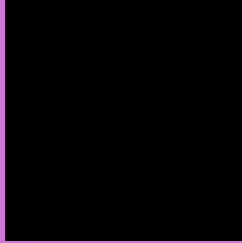
Any Text WCAG AA ✓ Pass

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 4291524818 Background



This preview shows how black text looks on a background with the Android color 4291524818.




This preview shows how white text looks on a background with the Android color 4291524818.

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
4290938513

Trichromacy



Original Color
4291524818



Protanomaly
4288056033



Deuteranomaly
4288711375

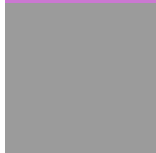


Tritanomaly
4291133865

Monochromacy



Original Color
4291524818



Achromatopsia
4288387995



Achromatomaly
4289498799

CSS Examples

Text

The CSS property to change the color of the text to Android 4291524818 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(203, 120, 210)` looks like.

```
.text, #text, p{  
    color:rgb(203, 120, 210)  
}
```

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(203, 120, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 120, 210) }
```

Border

The CSS property to change the border of an element to Android 4291524818 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(203, 120, 210) }
```

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

```
.border{ border-color:rgb(203, 120, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 120, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 120, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 120, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 120,  
210) }
```

Background

The CSS property to change the background color of an element to Android 4291524818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 120, 210) }
```

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

```
.background{ background-color: rgb(203,  
120, 210) }
```

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