

# Converting Colors

Android(4291012304)

Have a look what the booklet for  
Android(4291012304) contains.

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# **Color**

**Android(4291012304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A6D0
RGB	195, 166, 208
RGB Percent	76%, 65%, 82%
CMY	0.2353, 0.3490, 0.1843
CMYK	0.06, 0.20, 0.00, 0.18
HSL	281°, 31%, 73%
HSV	281°, 20%, 82%
XYZ	47.5271, 43.4286, 65.5521
YIQ	179.4590, 3.8020, 19.2100

# Conversions

## Conversions Part 2

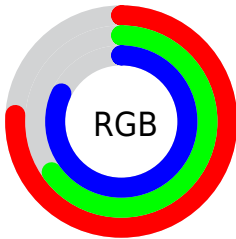
Format	Color
<a href="#">RYB</a>	<a href="#">195, 166, 208</a>
Decimal	<a href="#">12822224</a>
CIELab	<a href="#">71.84, 18.22, -17.42</a>
CIELCh	<a href="#">72, 25.207, 316.282</a>
Yxy	<a href="#">43.4286, 0.3037, 0.2775</a>
Android (android.graphics.Color)	<a href="#">4291012304 (0xFFC3A6D0)</a>
YUV	<a href="#">179.4590, 14.0707, 13.6295</a>
Hunter-Lab	<a href="#">65.9004, 13.4077, -12.8464</a>

# Details

The Android color `4291012304` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4289974438`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4294761983`, and `4287459994` is the 20% darker color. If you saturate the color by 10%, you get `4290613712`, and if you desaturate by 10%, it is `4291410896`.

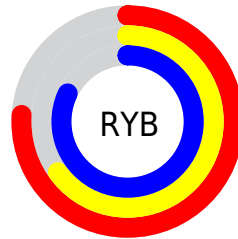
# Distribution



Red (76%)

Green (65%)

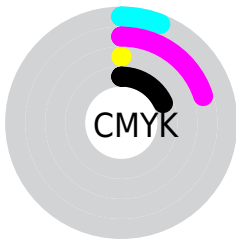
Blue (82%)



Red (76%)

Yellow (65%)

Blue (82%)

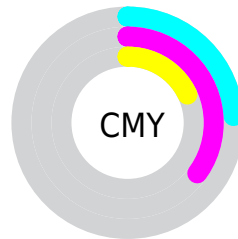


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (35%)

Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291012304 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 4291012304 by changing the saturation by 10% instead.



 4291012304

 4291012304

4294967295

 4289236148

 4294761983

 4287459994

 4294966015

 4285749632

 4284105318

 4282526542


 4281079351

 4279828514

 4278190088

 4278190080

 4291012304

 4291012304

 4290613712

 4291410896

 4290149584

 4291875024

 4289751248

 4292273360

 4289287120

 4292737488

 4288888528

 4293132240

 4288424400

 4293590992

 4288025808

 4293984208

 4287627472

 4294442960

 4294836176

# Harmonies

## Analogous

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



4289048284



4291012304



4292321724

# Triad

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



4291012304



4291537796



4285513148

# Complementary

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



4291012304



4289974438

# 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.



4286692516



4291012304



4290032516

# Square

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



4291012304



4292519056



4288330128



4285578192

# Rectangle

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



4291012304



4292779948



4288330128



4285775284



# Sweetspot

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



4291012304



4294635775



4289115088



4286412672



4278190080



4286611584



# Same Dimension

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



4291012304



4293706495



4291864264



4284833385



4285792424



4280025129



# Inverse Universe

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



4291864243



4294951637



4289122478



4285095521



4289200180



4280877069



# Previews

## White Background



This preview shows how the Android color 4291012304 looks on a white background.

## Color Contrast Check

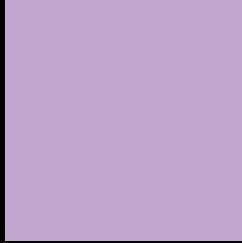
Large Text (above 18pt) WCAG AA × Fail

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 4291012304 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 4291012304 Background



This preview shows how black text looks on a background with the Android color 4291012304.



This preview shows how white text looks on a background with the Android color 4291012304.

# 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**  
4291012304

**Protanopia**  
4289245142

**Deuteranopia**  
4289899727



**Tritanopia**  
4290751160

# Trichromacy



**Original Color**  
4291012304

**Protanomaly**  
4289899732

**Deuteranomaly**  
4290292431

**Tritanomaly**  
4290816449

# Monochromacy



**Original Color**  
4291012304

**Achromatopsia**  
4289967027

**Achromatomaly**  
4290358974

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291012304 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, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 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, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 208) }
```

## Border

The CSS property to change the border of an element to Android 4291012304 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, 166, 208) }
```

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

```
.border{ border-color:rgb(195, 166, 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, 166, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 166, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 166, 208); box-shadow:4px 4px 4px 4px rgb(195, 166, 208) }
```

# Background

The CSS property to change the background color of an element to Android 4291012304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 208) }
```

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

```
.background{ background-color: rgb(195,  
166, 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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