

# Converting Colors

Android(4290816971)

Have a look what the booklet for  
Android(4290816971) contains.

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# Color

**Android(4290816971)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C0ABCB
RGB	192, 171, 203
RGB Percent	75%, 67%, 80%
CMY	0.2471, 0.3294, 0.2039
CMYK	0.05, 0.16, 0.00, 0.20
HSL	279°, 24%, 73%
HSV	279°, 16%, 80%
XYZ	47.0806, 44.6441, 62.6357
YIQ	180.9270, 2.2440, 14.4040

# Conversions

## Conversions Part 2

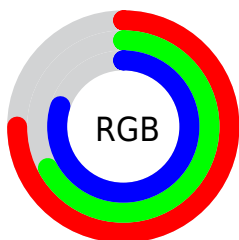
Format	Color
<a href="#">RYB</a>	<a href="#">192, 171, 203</a>
Decimal	<a href="#">12626891</a>
CIELab	<a href="#">72.66, 13.47, -13.48</a>
CIELCh	<a href="#">73, 19.057, 314.986</a>
Yxy	<a href="#">44.6441, 0.3050, 0.2892</a>
Android (android.graphics.Color)	<a href="#">4290816971</a> (0xFFC0ABCB)
YUV	<a href="#">180.9270, 10.8820, 9.7110</a>
Hunter-Lab	<a href="#">66.8162, 8.8478, -8.8090</a>

# Details

The Android color `4290816971` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4290169771`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4294566655`, and `4287264661` is the 20% darker color. If you saturate the color by 10%, you get `4290353099`, and if you desaturate by 10%, it is `4291280843`.

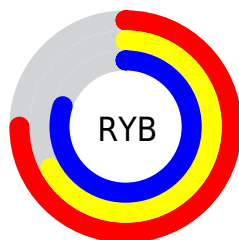
# Distribution



Red (75%)

Green (67%)

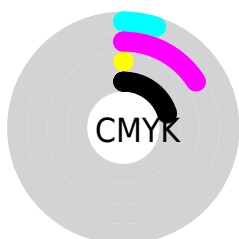
Blue (80%)



Red (75%)

Yellow (67%)

Blue (80%)

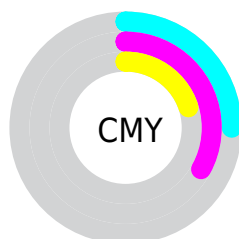


Cyan (5%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (33%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290816971 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 4290816971 by changing the saturation by 10% instead.



 4290816971

 4290816971

4294967295

 4289040560

 4294566655

 4287264661

 4285619835

 4283975266

 4282462282

 4280949556

 4279697695

 4278190082

 4278190080

 4290816971

 4290816971

 4290353099


 4291280843

 4289888971

 4291744971

 4289425099

 4292208843

 4288961227

 4292672715

 4288497355

 4293132235

 4288033227

 4293590987

 4287569355

 4294049739

 4287105483

 4294508491

 4286906571

 4294967243

# Harmonies

## Analogous

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



4289376724



4290816971



4291864508

# Triad

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



4290816971



4291341969



4286954683

# Complementary

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



4290816971



4290169771

# 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.



4287675561



4290816971



4290229393

# Square

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



4290816971



4292127130



4288919961



4286954442

# Rectangle

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



4290816971



4292257456



4288919961



4287085749



# Sweetspot

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



4290816971



4294701823



4289443531



4286412928



4278190080



4286611584



# Same Dimension

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



4290816971



4293840895



4291537862



4284636262



4285333670



4279828518



# Inverse Universe

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



4291537846



4294954975



4289448880



4284898399



4289069113

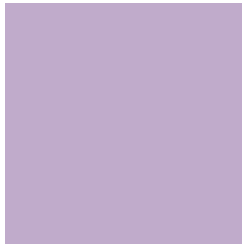


4280680461



# Previews

## White Background



This preview shows how the Android color 4290816971 looks on a white background.

## Color Contrast Check

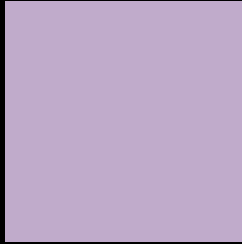
Large Text (above 18pt) WCAG AA × Fail

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 4290816971 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

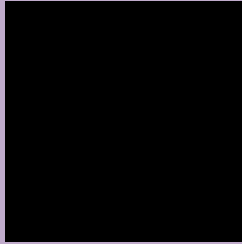
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290816971 Background



This preview shows how black text looks on a background with the Android color 4290816971.



This preview shows how white text looks on a background with the Android color 4290816971.

# 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**  
4290816971

**Protanopia**  
4289573327

**Deuteranopia**  
4290293450



**Tritanopia**  
4290686651

# Trichromacy

	<b>Original Color</b> 4290816971
	<b>Protanomaly</b> 4290031566
	<b>Deuteranomaly</b> 4290489802
	<b>Tritanomaly</b> 4290751937

# Monochromacy

	<b>Original Color</b> 4290816971
	<b>Achromatopsia</b> 4290098613
	<b>Achromatomaly</b> 4290359741

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290816971 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(192, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(192, 171, 203)  
}
```

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(192, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 171, 203) }
```

## Border

The CSS property to change the border of an element to Android 4290816971 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(192, 171, 203) }
```

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

```
.border{ border-color:rgb(192, 171, 203) }
```

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

Here you see how a box with a 4 pixel rgb(192, 171, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 171, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 171, 203);  
box-shadow:4px 4px 4px 4px rgb(192, 171,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4290816971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 171, 203) }
```

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

```
.background{ background-color: rgb(192,  
171, 203) }
```

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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