

# Converting Colors

Android(4290271371)

Have a look what the booklet for  
Android(4290271371) contains.

<b>Android(4290271371)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4290271371)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B8588B</a>
RGB	<a href="#">184, 88, 139</a>
RGB Percent	<a href="#">72%, 35%, 55%</a>
CMY	<a href="#">0.2784, 0.6549, 0.4549</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.52, 0.24, 0.28</a>
HSL	<a href="#">328°, 40%, 53%</a>
HSV	<a href="#">328°, 52%, 72%</a>
XYZ	<a href="#">27.9171, 19.0339, 26.6286</a>
YIQ	<a href="#">122.5180, 40.8450, 36.2130</a>

# Conversions

## Conversions Part 2

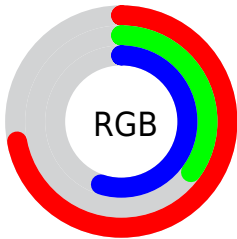
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 88, 139
Decimal	12081291
CIELab	50.73, 44.75, -10.03
CIElCh	51, 45.858, 347.372
Yxy	19.0339, 0.3794, 0.2587
Android (android.graphics.Color)	4290271371 (0xFFB8588B)
YUV	122.5180, 8.1256, 53.9197
Hunter-Lab	43.6278, 37.8720, -5.6487

# Details

The Android color **4290271371** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4284004485**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4294086080**, and **4286587737** is the 20% darker color. If you saturate the color by 10%, you get **4290266754**, and if you desaturate by 10%, it is **4290275988**.

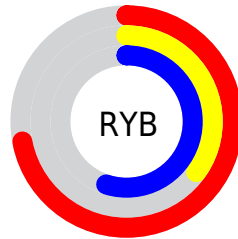
# Distribution



Red (72%)

Green (35%)

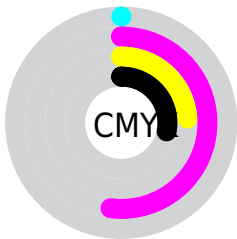
Blue (55%)



Red (72%)

Yellow (35%)

Blue (55%)

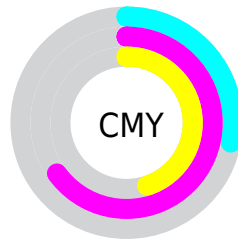


Cyan (0%)

Magenta (52%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (65%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290271371 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 4290271371 by changing the saturation by 10% instead.





4290271371



4290271371

4294967295



4288429682



4294086080



4286587737



4294944988



4284809282



4294952185



4283105323



4294959615



4281597975

4294967039



4278976512



4278190080



4290271371



4290271371



4290266754



4290275988

 4290261882

 4290280860

 4290257265

 4290285477

 4290252393

 4290290350

 4290248802

 4290294966

 4290299583

 4290304455

 4290309072

 4290313945

# Harmonies

## Analogous

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



4288177582



4290271371



4290860900

# Triad

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



4290271371



4286086697



4278225329

# Complementary

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



4290271371



4284004485

# 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.



4278226063



4290271371



4283139649

# Square

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



4290271371



4288442665



4278225766



4278223557

# Rectangle

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



4290271371



4290534731



4278225766



4278225831



# Sweetspot

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



4290271371



4293970398



4286929080



4286079341



4294440951



4286085240



# Same Dimension

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



4290271371



4293941673



4290271323



4284240727



4288413779



4280025103



# Inverse Universe

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



4290271371



4293941673



4284004533



4284240727



4288413779



4280025103



# Previews

## White Background



This preview shows how the Android color 4290271371 looks on a white background.

## Color Contrast Check

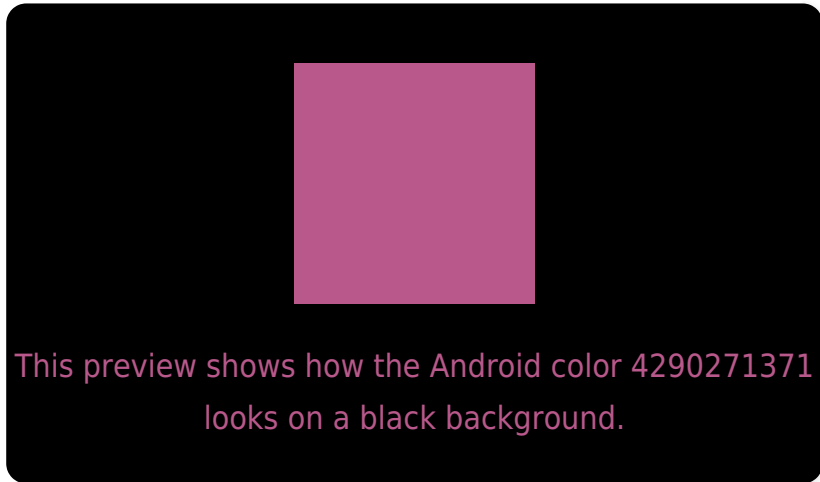
Large Text (above 18pt) WCAG AA ✓ Pass

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

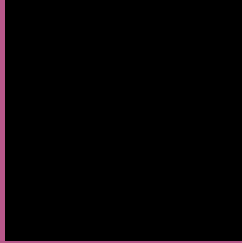
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290271371 Background



This preview shows how black text looks on a background with the Android color 4290271371.



This preview shows how white text looks on a background with the Android color 4290271371.

# 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**  
4290271371

**Protanomaly**  
4287196313

**Deuteranomaly**  
4287916936

**Tritanomaly**  
4290141555

# Monochromacy



**Original Color**  
4290271371

**Achromatopsia**  
4286282619

**Achromatomaly**  
4287721089

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290271371 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(184, 88, 139)` looks like.

```
.text, #text, p{  
    color:rgb(184, 88, 139)  
}
```

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(184, 88, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 88, 139) }
```

## Border

The CSS property to change the border of an element to Android 4290271371 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(184, 88, 139) }
```

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

```
.border{ border-color:rgb(184, 88, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 88, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 88, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 88, 139);  
box-shadow:4px 4px 4px 4px rgb(184, 88,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4290271371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 88, 139) }
```

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

```
.background{ background-color: rgb(184, 88,  
139) }
```

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