

# Converting Colors

Android(4291273602)

Have a look what the booklet for  
Android(4291273602) contains.

<b>Android(4291273602)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291273602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A382
RGB	199, 163, 130
RGB Percent	78%, 64%, 51%
CMY	0.2196, 0.3608, 0.4902
CMYK	0.00, 0.18, 0.35, 0.22
HSL	29°, 38%, 65%
HSV	29°, 35%, 78%
XYZ	40.6796, 39.9482, 26.6858
YIQ	170.0020, 32.0490, -2.6310

# Conversions

## Conversions Part 2

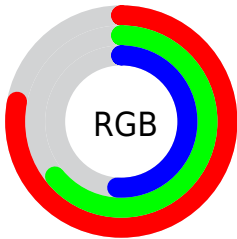
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 193, 130</a>
Decimal	<a href="#">13083522</a>
CIELab	<a href="#">69.43, 8.56, 22.14</a>
CIElCh	<a href="#">69, 23.734, 68.857</a>
Yxy	<a href="#">39.9482, 0.3791, 0.3723</a>
Android (android.graphics.Color)	<a href="#">4291273602</a> ( <a href="#">0xFFC7A382</a> )
YUV	<a href="#">170.0020, -19.7210, 25.4312</a>
Hunter-Lab	<a href="#">63.2046, 4.2779, 19.2102</a>

# Details

The Android color `4291273602` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4286752455`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4294957751`, and `4287655760` is the 20% darker color. If you saturate the color by 10%, you get `4291271022`, and if you desaturate by 10%, it is `4291276182`.

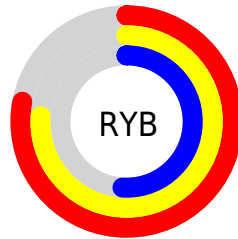
# Distribution



Red (78%)

Green (64%)

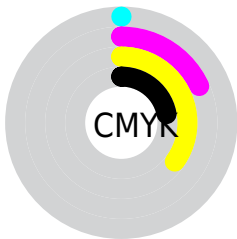
Blue (51%)



Red (78%)

Yellow (76%)

Blue (51%)

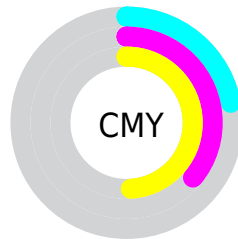


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (22%)



Cyan (22%)

Magenta (36%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291273602 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 4291273602 by changing the saturation by 10% instead.



 4291273602

 4291273602

4294967295

 4289431913

 4294957751

 4287655760

 4294964947

 4285880121

 4294967279

 4284235811


 4282591758

 4281013504


 4279173120

 4278190080

 4291273602

 4291273602

 4291271022

 4291276182

 4291268186

 4291279018

 4291265606

 4291281598

 4291262770

 4291284434

 4291260190

 4291287014


 4291257611

 4291289593

 4291256064

 4291292415

 4291294975

 4291297279

# Harmonies

## Analogous

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



4292058512



4291273602



4289964671

# Triad

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



4291273602



4285576879



4290093771

# Complementary

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



4291273602



4286752455

# 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.



4288195028



4291273602



4285314244

# Square

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



4291273602



4286821529



4286361809



4291534010

# Rectangle

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



4291273602



4288917380



4286361809



4289504463



# Sweetspot

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



4291273602



4294963942



4291265191



4286609520



4278190080



4286611584



# Same Dimension

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



4291273602



4294952852



4291282306



4284702298



4288892416



4280553728

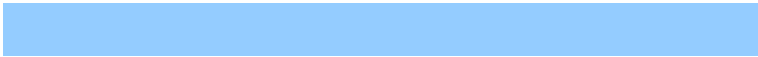


# Inverse Universe

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



4286752455



4287941887



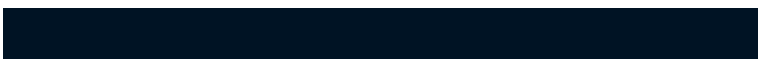
4286743751



4284112739



4278212003



4278194980



# Previews

## White Background



This preview shows how the Android color 4291273602 looks on a white background.

## Color Contrast Check

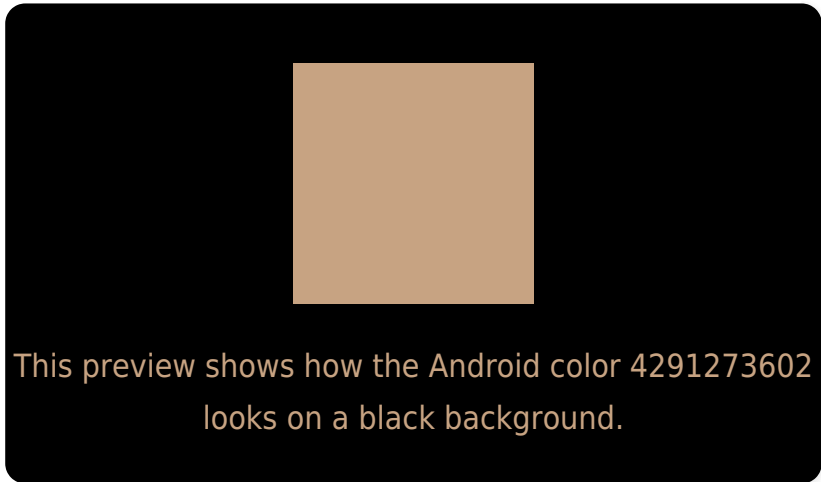
Large Text (above 18pt) WCAG AA × Fail

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

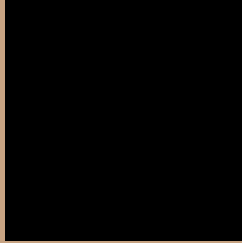
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291273602 Background



This preview shows how black text looks on a background with the Android color 4291273602.




This preview shows how white text looks on a background with the Android color 4291273602.

# 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

	<b>Original Color</b> 4291273602
	<b>Protanopia</b> 4290095493
	<b>Deuteranopia</b> 4291273602



**Tritanopia**  
4291534506

# Trichromacy



**Original Color**  
4291273602

**Protanomaly**  
4290553732

**Deuteranomaly**  
4291273602

**Tritanomaly**  
4291469467

# Monochromacy



**Original Color**  
4291273602

**Achromatopsia**  
4289374890

**Achromatomaly**  
4290095003

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291273602 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(199, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(199, 163, 130)  
}
```

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(199, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 163, 130) }
```

## Border

The CSS property to change the border of an element to Android 4291273602 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(199, 163, 130) }
```

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

```
.border{ border-color:rgb(199, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(199, 163,  
130) }
```

# Background

The CSS property to change the background color of an element to Android 4291273602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 163, 130) }
```

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

```
.background{ background-color: rgb(199,  
163, 130) }
```

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