

# Converting Colors

Android(4290423569)

Have a look what the booklet for  
Android(4290423569) contains.

<b>Android(4290423569)</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(4290423569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAAB11
RGB	186, 171, 17
RGB Percent	73%, 67%, 7%
CMY	0.2706, 0.3294, 0.9333
CMYK	0.00, 0.08, 0.91, 0.27
HSL	55°, 83%, 40%
HSV	55°, 91%, 73%
XYZ	34.9138, 39.6054, 6.3348
YIQ	157.9290, 58.3740, -44.7140

# Conversions

## Conversions Part 2

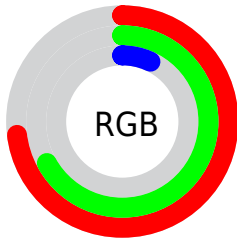
Format	Color
<a href="#">RYB</a>	<a href="#">33, 186, 17</a>
Decimal	<a href="#">12233489</a>
CIELab	<a href="#">69.19, -9.10, 69.38</a>
CIELCh	<a href="#">69, 69.972, 97.473</a>
Yxy	<a href="#">39.6054, 0.4318, 0.4898</a>
Android (android.graphics.Color)	<a href="#">4290423569 (0xFFBAAB11)</a>
YUV	<a href="#">157.9290, -69.4780, 24.6183</a>
Hunter-Lab	<a href="#">62.9328, -11.1044, 38.0849</a>

# Details

The Android color **4290423569** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4279312570**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4294369875**, and **4286609152** is the 20% darker color. If you saturate the color by 10%, you get **4290423040**, and if you desaturate by 10%, it is **4290424100**.

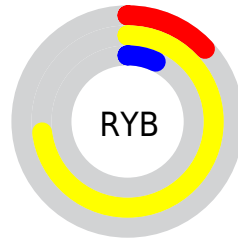
# Distribution



Red (73%)

Green (67%)

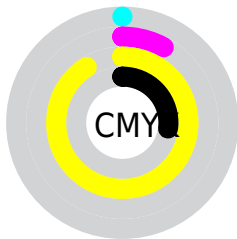
Blue (7%)



Red (13%)

Yellow (73%)

Blue (7%)

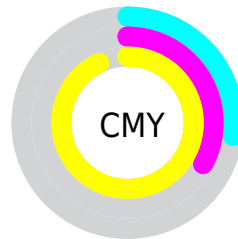


Cyan (0%)

Magenta (8%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290423569 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 4290423569 by changing the saturation by 10% instead.





4290423569



4290423569

4294967295



4288516352



4294369875



4286609152



4294967151



4284833536



4294967179



4282992384



4294967207



4281282816



4294967236



4279704832



4294967265



4278190080



4290423569



4290423569



4290423040



4290424100

 4290424374

 4290424905

 4290425435

 4290425710

 4290426241

 4290426771

 4290427046

 4290427576

# Harmonies

## Analogous

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



4293891116



4290423569



4285971259

# Triad

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



4290423569



4278240757



4294931931

# Complementary

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



4290423569



4279312570

# 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.



4290744831



4290423569



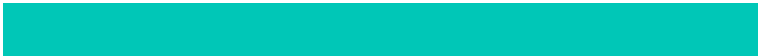
4278238463

# Square

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



4290423569



4278241207



4280593407



4294929052

# Rectangle

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



4290423569



4281057633



4280593407



4293951214



# Sweetspot

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



4290423569



4294110385



4290384162



4286216019



4294638330



4286216826



# Same Dimension

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



4290423569



4294106368



4285970961



4284242771



4288450048



4280031744



# Inverse Universe

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



4279312570



4278195954



4283765178



4283650908



4278193820



4278190620



# Previews

## White Background



This preview shows how the Android color 4290423569 looks on a white background.

## Color Contrast Check

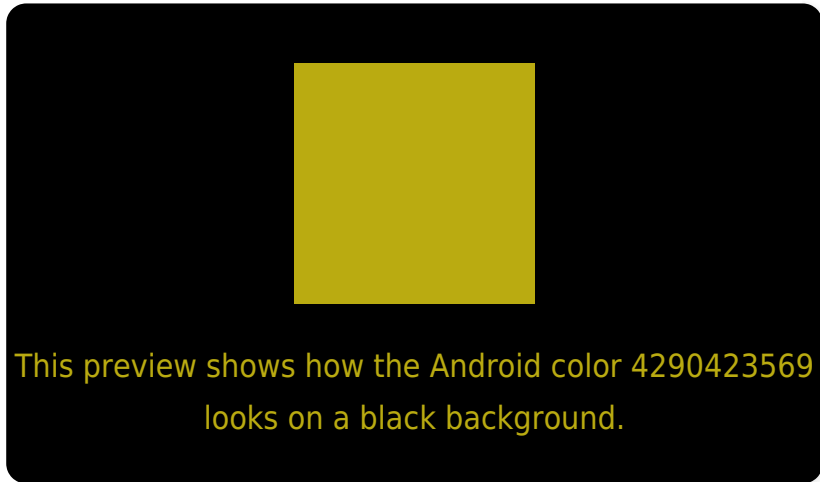
Large Text (above 18pt) WCAG AA × Fail

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 4290423569 Background



This preview shows how black text looks on a background with the Android color 4290423569.

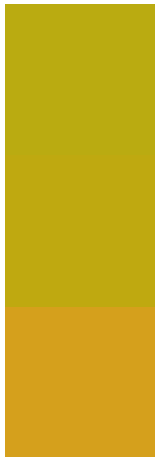


This preview shows how white text looks on a background with the Android color 4290423569.

# 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**  
4290423569

**Protanopia**  
4290750736

**Deuteranopia**  
4292190236



**Tritanopia**  
4291076011

# Trichromacy



**Original Color**  
4290423569

**Protanomaly**  
4290619920

**Deuteranomaly**  
4291535896

**Tritanomaly**  
4290814835

# Monochromacy



**Original Color**  
4290423569

**Achromatopsia**  
4288585374

**Achromatomaly**  
4289241963

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290423569 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(186, 171, 17)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 17)  
}
```

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(186, 171, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 17) }
```

## Border

The CSS property to change the border of an element to Android 4290423569 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(186, 171, 17) }
```

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

```
.border{ border-color:rgb(186, 171, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 17);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
17) }
```

# Background

The CSS property to change the background color of an element to Android 4290423569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 17) }
```

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

```
.background{ background-color: rgb(186,  
171, 17) }
```

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