

# Converting Colors

Android(4290555968)

Have a look what the booklet for  
Android(4290555968) contains.

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# **Color**

**Android(4290555968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB040
RGB	188, 176, 64
RGB Percent	74%, 69%, 25%
CMY	0.2627, 0.3098, 0.7490
CMYK	0.00, 0.06, 0.66, 0.26
HSL	54°, 49%, 49%
HSV	54°, 66%, 74%
XYZ	37.1898, 42.1122, 11.0188
YIQ	166.8200, 43.1040, -32.2880

# Conversions

## Conversions Part 2

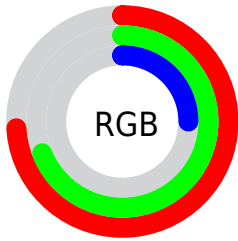
Format	Color
<a href="#">RYB</a>	<a href="#">77, 188, 64</a>
Decimal	<a href="#">12365888</a>
CIELab	<a href="#">70.95, -9.07, 56.71</a>
CIElCh	<a href="#">71, 57.430, 99.088</a>
Yxy	<a href="#">42.1122, 0.4118, 0.4663</a>
Android (android.graphics.Color)	<a href="#">4290555968</a> ( <a href="#">0xFFBCB040</a> )
YUV	<a href="#">166.8200, -50.6903, 18.5749</a>
Hunter-Lab	<a href="#">64.8939, -11.2685, 35.3584</a>

# Details

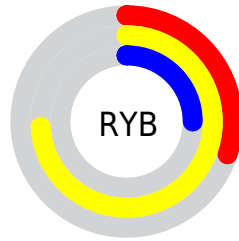
The Android color **4290555968** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4282404028**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4294436725**, and **4286807040** is the 20% darker color. If you saturate the color by 10%, you get **4290555437**, and if you desaturate by 10%, it is **4290556499**.

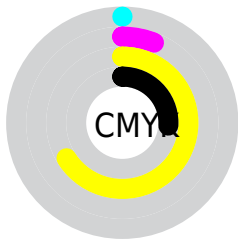
# Distribution



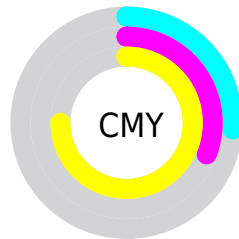
- Red (74%)
- Green (69%)
- Blue (25%)



- Red (30%)
- Yellow (74%)
- Blue (25%)



- Cyan (0%)
- Magenta (6%)
- Yellow (66%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290555968 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 4290555968 by changing the saturation by 10% instead.





4290555968



4290555968

4294967295



4288648484



4294436725



4286807040



4294967184



4285031168



4294967212



4283321088



4294967240



4281611520



4294967269



4279967744



4278191616



4278190080



4290555968



4290555968

 4290555437

 4290556499

 4290554906

 4290557030

 4290554632

 4290557304

 4290554368

 4290557835

 4290558366

 4290558897

 4290559428

 4290559958

 4290560233

# Harmonies

## Analogous

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



4293500490



4290555968



4286889304

# Triad

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



4290555968



4278240750



4294608596

# Complementary

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



4290555968



4282404028

# 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.



4291205631



4290555968



4278238719

# Square

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



4290555968



4278241468



4285247231



4294934432

# Rectangle

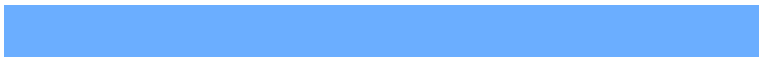
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4290555968



4283614070



4285247231



4293692644



# Sweetspot

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



4290555968



4294308036



4290527308



4286216285



4294638330



4286216826



# Same Dimension

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



4290555968



4294304307



4287282240



4284374357



4288581376



4280228864



# Inverse Universe

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



4282404028



4281550581



4285677756



4283782750



4278194078



4278190879



# Previews

## White Background



This preview shows how the Android color 4290555968 looks on a white background.

## Color Contrast Check

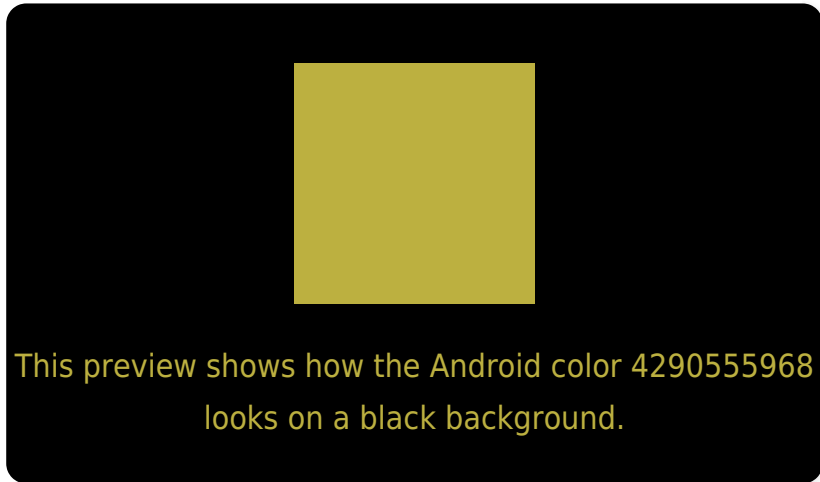
Large Text (above 18pt) WCAG AA × Fail

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 4290555968 Background



This preview shows how black text looks on a background with the Android color 4290555968.



This preview shows how white text looks on a background with the Android color 4290555968.

# 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**  
4290555968

**Protanopia**  
4290948671

**Deuteranopia**  
4292388164



**Tritanopia**  
4291208626

# Trichromacy



**Original Color**  
4290555968

**Protanomaly**  
4290817855

**Deuteranomaly**  
4291733827

**Tritanomaly**  
4290947465

# Monochromacy



**Original Color**  
4290555968

**Achromatopsia**  
4289177511

**Achromatomaly**  
4289702530

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290555968 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(188, 176, 64)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 64)  
}
```

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(188, 176, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 64) }
```

## Border

The CSS property to change the border of an element to Android 4290555968 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(188, 176, 64) }
```

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

```
.border{ border-color:rgb(188, 176, 64) }
```

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

Here you see how a box with a 4 pixel rgb(188, 176, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 176, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 176, 64);  
box-shadow:4px 4px 4px 4px rgb(188, 176,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4290555968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 64) }
```

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

```
.background{ background-color: rgb(188,  
176, 64) }
```

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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