

Converting Colors

Android(4288261171)

Have a look what the booklet for
Android(4288261171) contains.

Android(4288261171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4288261171)

Conversions

Conversions Part 1

Format	Color
Hex	99AC33
RGB	153, 172, 51
RGB Percent	60%, 67%, 20%
CMY	0.4000, 0.3255, 0.8000
CMYK	0.11, 0.00, 0.70, 0.33
HSL	69°, 54%, 44%
HSV	69°, 70%, 67%
XYZ	28.4869, 36.5164, 8.6789
YIQ	152.5250, 27.5170, -41.6590

Conversions

Conversions Part 2

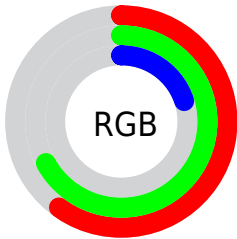
Format	Color
RYB	51, 172, 70
Decimal	10071091
CIELab	66.91, -22.77, 56.88
CIELCh	67, 61.269, 111.819
Yxy	36.5164, 0.3866, 0.4956
Android (android.graphics.Color)	4288261171 (0xFF99AC33)
YUV	152.5250, -50.0518, 0.4166
Hunter-Lab	60.4288, -21.6031, 33.7848

Details

The Android color **4288261171** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4282790828**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4292010857**, and **4284643328** is the 20% darker color. If you saturate the color by 10%, you get **4288064546**, and if you desaturate by 10%, it is **4288457796**.

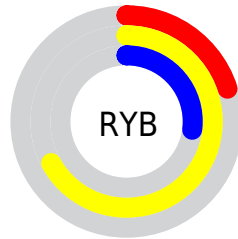
Distribution



Red (60%)

Green (67%)

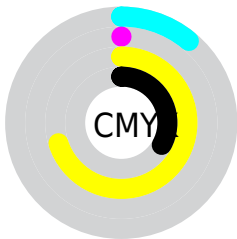
Blue (20%)



Red (20%)

Yellow (67%)

Blue (27%)

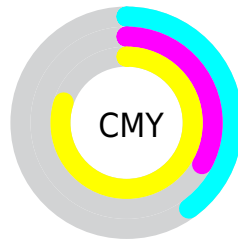


Cyan (11%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288261171 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 4288261171 by changing the saturation by 10% instead.



4288261171



4288261171

4294967295



4286419219



4292010857



4284643328



4293918596



4282932992



4294967199



4281222912



4294967227



4279447808



4294967256



4278197760



4294967285



4278190080



4288261171



4288261171



4288064546



4288457796

■ 4287933457

■ 4288588885

■ 4287736832

■ 4288785511

■ 4288982136

■ 4289178761

■ 4289309850

■ 4289506475

■ 4289703101

■ 4289834190

Harmonies

Analogous

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



4291664685



4288261171



4283742043

Triad

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



4288261171



4278237689



4294930868

Complementary

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



4288261171



4282790828

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.



4292314088



4288261171



4278234623

Square

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



4288261171



4278238666



4287208191



4294931325

Rectangle

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



4288261171



4278238078



4287208191



4294342343

Sweetspot

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



4288261171



4292468913



4289479987



4285296724



4293980400



4285558896

Same Dimension

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



4288261171



4291026980



4284329011



4283782990



4286551552



4279441152

Inverse Universe

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



4282790828



4282524896



4286722988



4283387479



4279763094



4278452247

Previews

White Background



This preview shows how the Android color 4288261171 looks on a white background.

Color Contrast Check

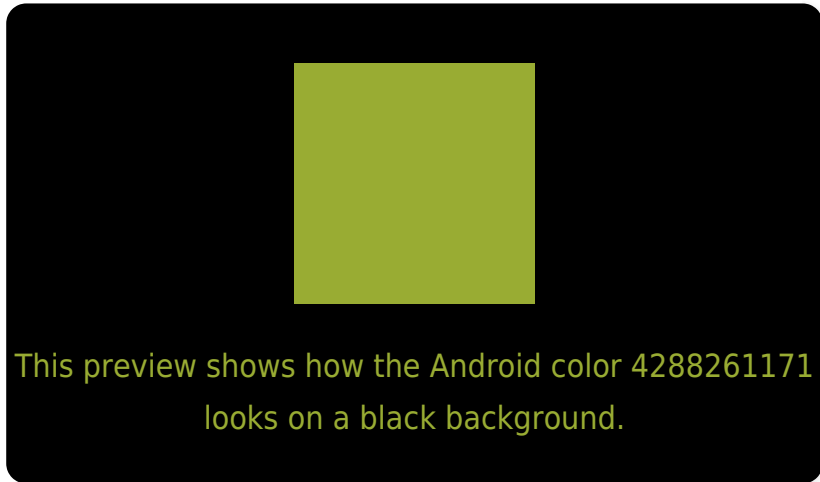
Large Text (above 18pt) WCAG AA × Fail

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 4288261171 Background



This preview shows how black text looks on a background with the Android color 4288261171.



This preview shows how white text looks on a background with the Android color 4288261171.

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


4288261171

Protanopia

4290159409

Deuteranopia

4291533370



Tritanopia
4289044909

Trichromacy



Original Color
4288261171

Protanomaly
4289439282

Deuteranomaly
4290355511

Tritanomaly
4288783745

Monochromacy



Original Color
4288261171

Achromatopsia
4288256409

Achromatomaly
4288258164

CSS Examples

Text

The CSS property to change the color of the text to Android 4288261171 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(153, 172, 51)` looks like.

```
.text, #text, p{  
    color:rgb(153, 172, 51)  
}
```

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(153, 172, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 172, 51) }
```

Border

The CSS property to change the border of an element to Android 4288261171 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(153, 172, 51) }
```

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

```
.border{ border-color:rgb(153, 172, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 172, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 172, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 172, 51);  
box-shadow:4px 4px 4px 4px rgb(153, 172,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4288261171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 172, 51) }
```

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

```
.background{ background-color: rgb(153,  
172, 51) }
```

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