

Converting Colors

Android(4287741224)

Have a look what the booklet for
Android(4287741224) contains.

Android(4287741224)	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(4287741224)

Conversions

Conversions Part 1

Format	Color
Hex	91BD28
RGB	145, 189, 40
RGB Percent	57%, 74%, 16%
CMY	0.4314, 0.2588, 0.8431
CMYK	0.23, 0.00, 0.79, 0.26
HSL	78°, 65%, 45%
HSV	78°, 79%, 74%
XYZ	30.2577, 42.5681, 8.6292
YIQ	158.8580, 21.6050, -55.6670

Conversions

Conversions Part 2

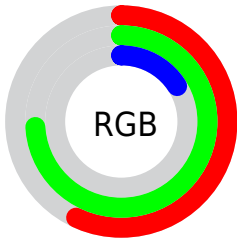
Format	Color
RYB	40, 189, 84
Decimal	9551144
CIELab	71.26, -34.72, 64.54
CIElCh	71, 73.288, 118.278
Yxy	42.5681, 0.3715, 0.5226
Android (android.graphics.Color)	4287741224 (0xFF91BD28)
YUV	158.8580, -58.5970, -12.1535
Hunter-Lab	65.2443, -31.3964, 37.8293

Details

The Android color `4287741224` is a dark color, and the websafe version is hex `99CC33`. A complement of this color would be `4283705533`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4291491170`, and `4284057344` is the 20% darker color. If you saturate the color by 10%, you get `4287347989`, and if you desaturate by 10%, it is `4288134459`.

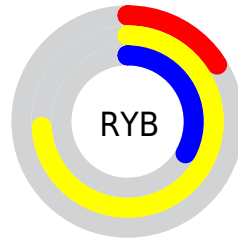
Distribution



Red (57%)

Green (74%)

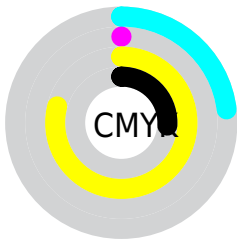
Blue (16%)



Red (16%)

Yellow (74%)

Blue (33%)

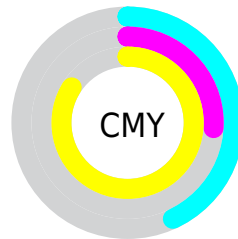


Cyan (23%)

Magenta (0%)

Yellow (79%)

Black (26%)



Cyan (43%)

Magenta (26%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287741224 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 4287741224 by changing the saturation by 10% instead.



4287741224



4287741224

4294967295



4285899264



4291491170



4284057344



4293459838



4282281472



4294967194



4280374528



4294967222



4278205952



4294967251



4278200320



4294967280



4278192384



4278190080



4287741224



4287741224

■ 4287347989

■ 4288134459

■ 4287020290

■ 4288462158

■ 4286954752

■ 4288855393

■ 4289183092

■ 4289576327

■ 4289904025

■ 4290297260

■ 4290690495

■ 4291018194

Harmonies

Analogous

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



4292061703



4287741224



4280076388

Triad

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



4287741224



4278241279



4294929589

Complementary

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



4287741224



4283705533

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.



4294672630



4287741224



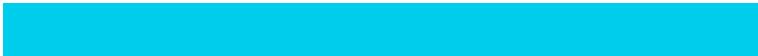
4278237439

Square

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



4287741224



4278242796



4289109759



4294931827

Rectangle

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



4287741224



4278242449



4289109759



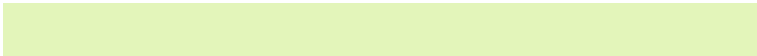
4294930636

Sweetspot

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



4287741224



4293129658



4290597416



4285561431



4294638330



4286216826

Same Dimension

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



4287741224



4289787148



4282957096



4284243541



4285505024



4279639808

Inverse Universe

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



4283705533



4283501813



4288489661



4283979102



4281270430



4278779935

Previews

White Background



This preview shows how the Android color 4287741224 looks on a white background.

Color Contrast Check

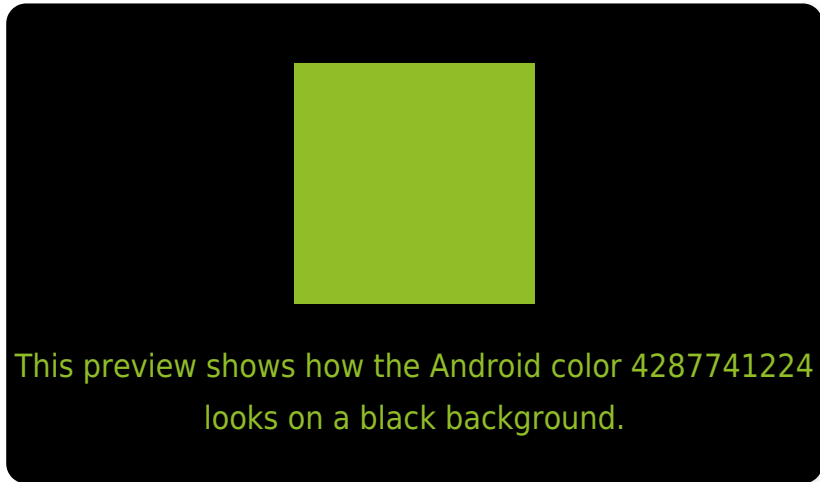
Large Text (above 18pt) WCAG AA × Fail

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 4287741224 Background



This preview shows how black text looks on a background with the Android color 4287741224.



This preview shows how white text looks on a background with the Android color 4287741224.

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
4287741224

Protanopia
4291079716

Deuteranopia
4292519220

Trichromacy



Original Color

4287741224

Protanomaly

4289835813

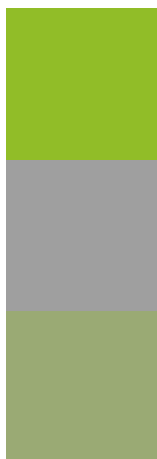
Deuteranomaly

4290752048

Tritanomaly

4288394631

Monochromacy



Original Color

4287741224

Achromatopsia

4288651167

Achromatomaly

4288326260

CSS Examples

Text

The CSS property to change the color of the text to Android 4287741224 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(145, 189, 40)` looks like.

```
.text, #text, p{  
    color:rgb(145, 189, 40)  
}
```

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(145, 189, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 189, 40) }
```

Border

The CSS property to change the border of an element to Android 4287741224 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(145, 189, 40) }
```

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

```
.border{ border-color:rgb(145, 189, 40) }
```

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

Here you see how a box with a 4 pixel rgb(145, 189, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 189, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 189, 40);  
box-shadow:4px 4px 4px 4px rgb(145, 189,  
40) }
```

Background

The CSS property to change the background color of an element to Android 4287741224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 189, 40) }
```

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

```
.background{ background-color: rgb(145,  
189, 40) }
```

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