

Converting Colors

Android(4287676964)

Have a look what the booklet for
Android(4287676964) contains.

Android(4287676964)	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(4287676964)

Conversions

Conversions Part 1

Format	Color
Hex	90C224
RGB	144, 194, 36
RGB Percent	56%, 76%, 14%
CMY	0.4353, 0.2392, 0.8588
CMYK	0.26, 0.00, 0.81, 0.24
HSL	79°, 69%, 45%
HSV	79°, 81%, 76%
XYZ	31.1118, 44.6402, 8.6457
YIQ	161.0380, 20.9180, -59.7380

Conversions

Conversions Part 2

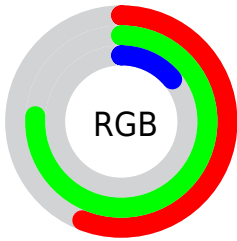
Format	Color
RYB	36, 194, 86
Decimal	9486884
CIELab	72.65, -37.54, 66.89
CIElCh	73, 76.706, 119.305
Yxy	44.6402, 0.3686, 0.5289
Android (android.graphics.Color)	4287676964 (0xFF90C224)
YUV	161.0380, -61.6437, -14.9423
Hunter-Lab	66.8134, -33.8043, 39.0971

Details

The Android color `4287676964` is a dark color, and the websafe version is hex `99CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4283835586`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4291492704`, and `4283993088` is the 20% darker color. If you saturate the color by 10%, you get `4287283729`, and if you desaturate by 10%, it is `4288070199`.

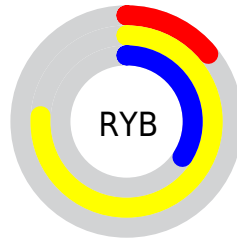
Distribution



Red (56%)

Green (76%)

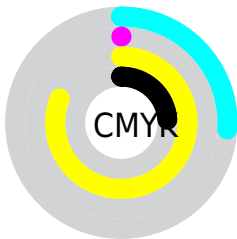
Blue (14%)



Red (14%)

Yellow (76%)

Blue (34%)

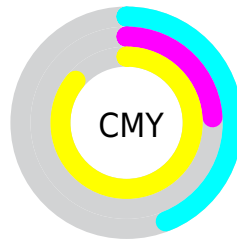


Cyan (26%)

Magenta (0%)

Yellow (81%)

Black (24%)



Cyan (44%)

Magenta (24%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287676964 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 4287676964 by changing the saturation by 10% instead.



4287676964



4287676964

4294967295



4285835008



4291492704



4283993088



4293394300



4282151424



4294967192



4280113408



4294967221



4278206720



4294967250



4278201088



4294967279



4278194432



4278190080



4287676964



4287676964

■ 4287283729

■ 4288070199

■ 4286956032

■ 4288463435

■ 4288856670

■ 4289315442

■ 4289708677

■ 4290101912

■ 4290495148

■ 4290888383

■ 4291281619

Harmonies

Analogous

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



4292193792



4287676964



4278242662

Triad

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



4287676964



4278242303



4294929335

Complementary

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



4287676964



4283835586

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.



4294934779



4287676964



4278238207

Square

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



4287676964



4278244085



4289503487



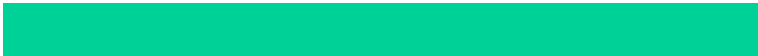
4294931826

Rectangle

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



4287676964



4278243734



4289503487



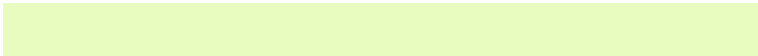
4294930383

Sweetspot

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



4287676964



4293524672



4290925348



4285825115



4278190080



4286611584

Same Dimension

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



4287676964



4289657861



4282696228



4284375383



4285440256



4279705856

Inverse Universe

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



4283835586



4283631100



4288816322



4284110689



4281532577



4278845473

Previews

White Background



This preview shows how the Android color 4287676964 looks on a white background.

Color Contrast Check

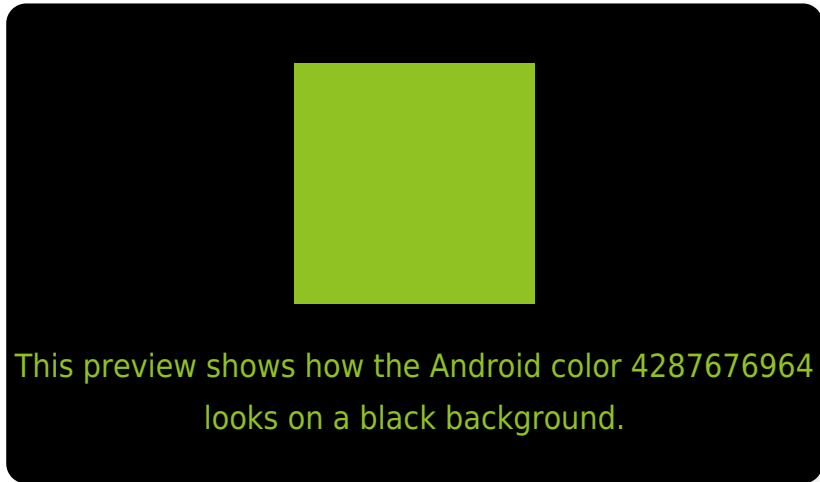
Large Text (above 18pt) WCAG AA × Fail

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 4287676964 Background



This preview shows how black text looks on a background with the Android color 4287676964.



This preview shows how white text looks on a background with the Android color 4287676964.

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
4287676964

Protanopia
4291342880

Deuteranopia
4292847922

Trichromacy



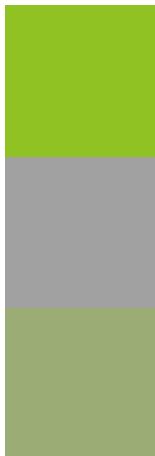
Original Color
4287676964

Protanomaly
4290033697

Deuteranomaly
4290949677

Tritanomaly
4288395913

Monochromacy



Original Color
4287676964

Achromatopsia
4288782753

Achromatomaly
4288392564

CSS Examples

Text

The CSS property to change the color of the text to Android 4287676964 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(144, 194, 36)` looks like.

```
.text, #text, p{  
    color:rgb(144, 194, 36)  
}
```

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(144, 194, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 194, 36) }
```

Border

The CSS property to change the border of an element to Android 4287676964 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(144, 194, 36) }
```

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

```
.border{ border-color:rgb(144, 194, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 194, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 194, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 194, 36);  
box-shadow:4px 4px 4px 4px rgb(144, 194,  
36) }
```

Background

The CSS property to change the background color of an element to Android 4287676964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 194, 36) }
```

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

```
.background{ background-color: rgb(144,  
194, 36) }
```

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