

Converting Colors

Android(4283866967)

Have a look what the booklet for
Android(4283866967) contains.

Android(4283866967)	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(4283866967)

Conversions

Conversions Part 1

Format	Color
Hex	569F57
RGB	86, 159, 87
RGB Percent	34%, 62%, 34%
CMY	0.6627, 0.3765, 0.6588
CMYK	0.46, 0.00, 0.45, 0.38
HSL	121°, 30%, 48%
HSV	121°, 46%, 62%
XYZ	17.9562, 27.4628, 13.3713
YIQ	128.9650, -20.3960, -37.8680

Conversions

Conversions Part 2

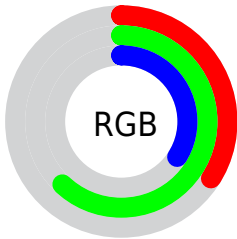
Format	Color
RYB	86, 158, 159
Decimal	5676887
CIELab	59.40, -38.10, 30.59
CIElCh	59, 48.862, 141.242
Yxy	27.4628, 0.3054, 0.4671
Android (android.graphics.Color)	4283866967 (0xFF569F57)
YUV	128.9650, -20.6887, -37.6803
Hunter-Lab	52.4050, -30.5470, 21.5555

Details

The Android color `4283866967` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288632478`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4287420042`, and `4280183591` is the 20% darker color. If you saturate the color by 10%, you get `4282818375`, and if you desaturate by 10%, it is `4284915559`.

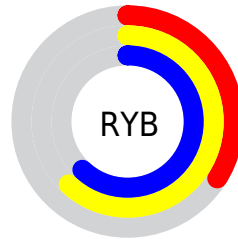
Distribution



Red (34%)

Green (62%)

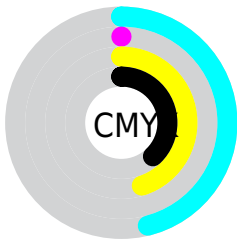
Blue (34%)



Red (34%)

Yellow (62%)

Blue (62%)

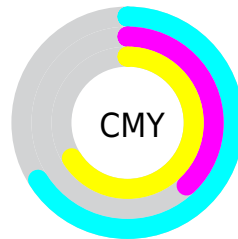


Cyan (46%)

Magenta (0%)

Yellow (45%)

Black (38%)



Cyan (66%)

Magenta (38%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283866967 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 4283866967 by changing the saturation by 10% instead.



4283866967



4283866967

4294967295



4282090559



4287420042



4280183591



4289262501



4278211088



4291100608



4278204928



4292935644



4278199808



4294901753



4278190080



4283866967



4283866967



4282818375



4284915559



4281769784



4285964150

 4280721192

 4287012742

 4279672600


 4288061334

 4278689545

 4289109925

 4278230786

 4290092981

 4291141573

 4292190164

 4293238756

Harmonies

Analogous

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



4287206970



4283866967



4278232193

Triad

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



4283866967



4278228964



4292832114

Complementary

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



4283866967



4288632478

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.



4292373405



4283866967



4286351839

Square

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



4283866967



4278231505



4290279365



4291852365

Rectangle

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



4283866967



4278232478



4290279365



4292831872

Sweetspot

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



4283866967



4289908658



4288651094



4283918679



4293454056



4285098345

Same Dimension

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



4283866967



4284338015



4283867003



4282863431



4278226690



4278193920

Inverse Universe

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



4288632478



4291780045



4288632443



4283385679



4287561869



4279173135

Previews

White Background



This preview shows how the Android color 4283866967 looks on a white background.

Color Contrast Check

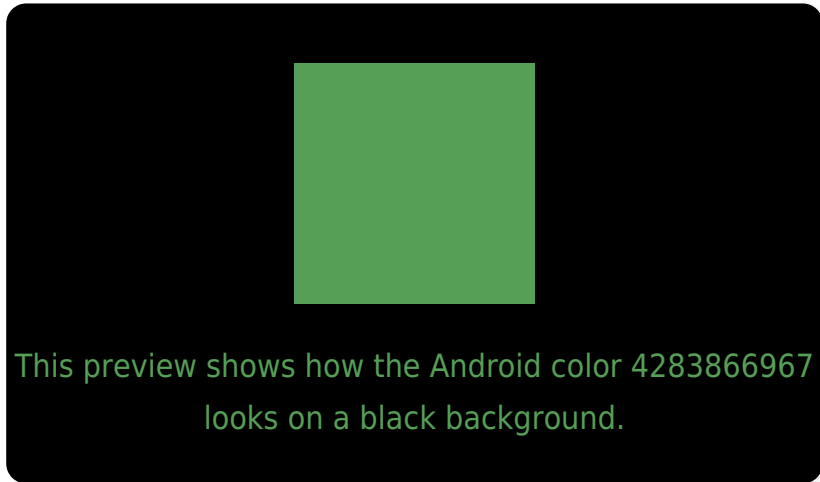
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283866967 Background



This preview shows how black text looks on a background with the Android color 4283866967.



This preview shows how white text looks on a background with the Android color 4283866967.

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
4283866967

Protanopia
4288450129

Deuteranopia
4289431645

Trichromacy



Original Color
4283866967

Protanomaly
4286813267

Deuteranomaly
4287402075

Tritanomaly
4284520839

Monochromacy



Original Color
4283866967

Achromatopsia
4286677377

Achromatomaly
4285631602

CSS Examples

Text

The CSS property to change the color of the text to Android 4283866967 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(86, 159, 87)` looks like.

```
.text, #text, p{  
    color:rgb(86, 159, 87)  
}
```

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(86, 159, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 159, 87) }
```

Border

The CSS property to change the border of an element to Android 4283866967 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(86, 159, 87) }
```

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

```
.border{ border-color:rgb(86, 159, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 159, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 159, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 159, 87);  
box-shadow:4px 4px 4px 4px rgb(86, 159,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4283866967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 159, 87) }
```

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

```
.background{ background-color: rgb(86, 159,  
87) }
```

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