

Converting Colors

Android(4284400219)

Have a look what the booklet for
Android(4284400219) contains.

Android(4284400219)	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(4284400219)

Conversions

Conversions Part 1

Format	Color
Hex	5EC25B
RGB	94, 194, 91
RGB Percent	37%, 76%, 36%
CMY	0.6314, 0.2392, 0.6431
CMYK	0.52, 0.00, 0.53, 0.24
HSL	118°, 46%, 56%
HSV	118°, 53%, 76%
XYZ	25.7962, 41.7186, 16.5904
YIQ	152.3580, -26.5370, -53.2330

Conversions

Conversions Part 2

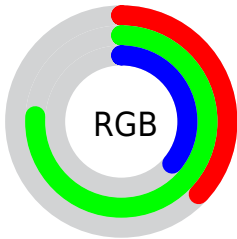
Format	Color
RYB	91, 194, 191
Decimal	6210139
CIELab	70.68, -49.88, 42.62
CIELCh	71, 65.609, 139.488
Yxy	41.7186, 0.3067, 0.4960
Android (android.graphics.Color)	4284400219 (0xFF5EC25B)
YUV	152.3580, -30.2495, -51.1800
Hunter-Lab	64.5899, -41.7423, 29.9839

Details

The Android color **4284400219** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **4290730946**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4288150415**, and **4280126248** is the 20% darker color. If you saturate the color by 10%, you get **4283155016**, and if you desaturate by 10%, it is **4285645422**.

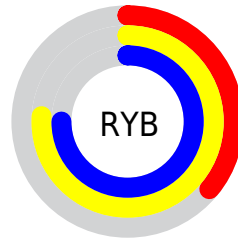
Distribution



Red (37%)

Green (76%)

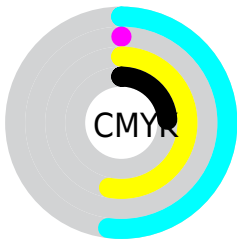
Blue (36%)



Red (36%)

Yellow (76%)

Blue (75%)

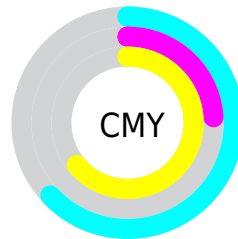


Cyan (52%)

Magenta (0%)

Yellow (53%)

Black (24%)



Cyan (63%)

Magenta (24%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284400219 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 4284400219 by changing the saturation by 10% instead.



4284400219



4284400219

4294967295



4282426946



4288150415



4280126248



4290052011



4278219019



4291952582



4278212608



4293918691



4278206208



4278200832



4278191360



4278190080




4284400219



4284400219

 4283155016

 4285645422

 4281909812

 4286890626

 4280664609

 4288135829

 4279484941

 4289315497

 4278632960

 4290560700

 4291805903

 4293051107

 4294296310

 4294951679

Harmonies

Analogous

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



4289181232



4284400219



4278241429

Triad

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



4284400219



4278237951



4294932361

Complementary

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



4284400219



4290730946

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.



4294932677



4284400219



4287080191

Square

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



4284400219



4278240767



4292971771



4294937427

Rectangle

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



4284400219



4278241983



4292971771



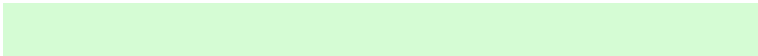
4294931868

Sweetspot

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



4284400219



4292213972



4290953051



4285038695



4278190080



4286611584

Same Dimension

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



4284400219



4284546139



4284203659



4283916631



4278558976



4278264064

Inverse Universe

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



4290730946



4294466556



4290927506



4284569441



4288413857



4280287265

Previews

White Background



This preview shows how the Android color 4284400219 looks on a white background.

Color Contrast Check

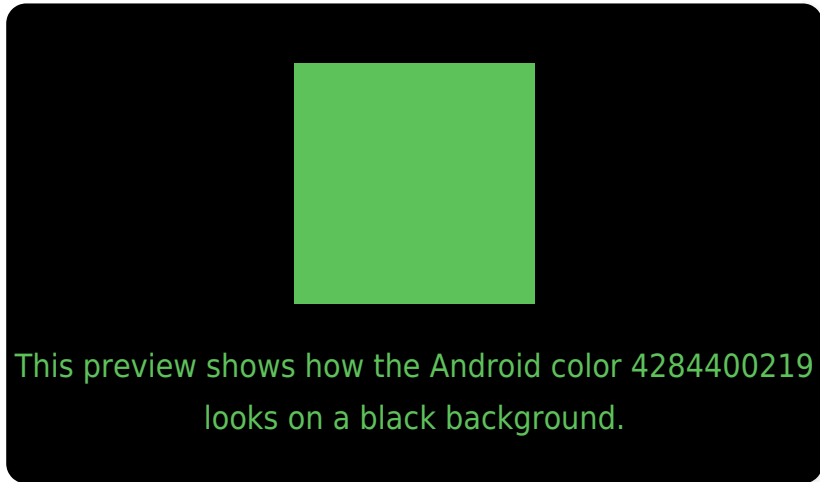
Large Text (above 18pt) WCAG AA × Fail

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

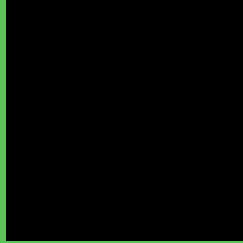
Any Text WCAG AA ✓ Pass

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 4284400219 Background



This preview shows how black text looks on a background with the Android color 4284400219.



This preview shows how white text looks on a background with the Android color 4284400219.

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
4284400219

Protanopia
4290686036

Deuteranopia
4291929187

Trichromacy



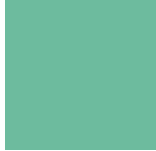
Original Color
4284400219



Protanomaly
4288394327



Deuteranomaly
4289179488



Tritanomaly
4285381534

Monochromacy



Original Color
4284400219



Achromatopsia
4288190616



Achromatomaly
4286818178

CSS Examples

Text

The CSS property to change the color of the text to Android 4284400219 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(94, 194, 91)` looks like.

```
.text, #text, p{  
    color:rgb(94, 194, 91)  
}
```

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(94, 194, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 194, 91) }
```

Border

The CSS property to change the border of an element to Android 4284400219 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(94, 194, 91) }
```

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

```
.border{ border-color:rgb(94, 194, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 194, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 194, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 194, 91);  
box-shadow:4px 4px 4px 4px rgb(94, 194,  
91) }
```

Background

The CSS property to change the background color of an element to Android 4284400219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 194, 91) }
```

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

```
.background{ background-color: rgb(94, 194,  
91) }
```

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