

Converting Colors

Android(4283023937)

Have a look what the booklet for
Android(4283023937) contains.

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Color

Android(4283023937)

Conversions

Conversions Part 1

Format	Color
Hex	49C241
RGB	73, 194, 65
RGB Percent	29%, 76%, 25%
CMY	0.7137, 0.2392, 0.7451
CMYK	0.62, 0.00, 0.66, 0.24
HSL	116°, 51%, 51%
HSV	116°, 66%, 76%
XYZ	22.9936, 40.3817, 11.5836
YIQ	143.1150, -30.7070, -65.7710

Conversions

Conversions Part 2

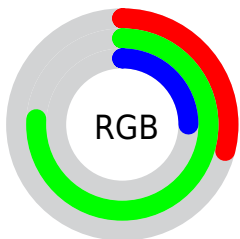
Format	Color
RYB	65, 194, 186
Decimal	4833857
CIELab	69.74, -58.02, 53.06
CIELCh	70, 78.626, 137.557
Yxy	40.3817, 0.3067, 0.5387
Android (android.graphics.Color)	4283023937 (0xFF49C241)
YUV	143.1150, -38.5107, -61.4909
Hunter-Lab	63.5466, -46.6184, 33.6749

Details

The Android color `4283023937` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted green. A complement of this color would be `4290396610`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4287036534`, and `4278225664` is the 20% darker color. If you saturate the color by 10%, you get `4281844270`, and if you desaturate by 10%, it is `4284203604`.

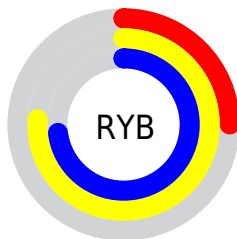
Distribution



Red (29%)

Green (76%)

Blue (25%)



Red (25%)

Yellow (76%)

Blue (73%)

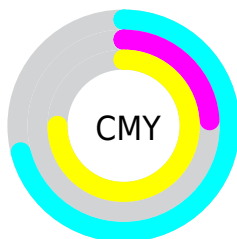


Cyan (62%)

Magenta (0%)

Yellow (66%)

Black (24%)



Cyan (71%)

Magenta (24%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283023937 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 4283023937 by changing the saturation by 10% instead.



4283023937



4283023937

4294967295



4280526373



4287036534



4278225664



4289003410



4278219008



4290969517



4278212352



4292935626



4278205952



4294901734



4278200064



4278190080



4283023937



4283023937



4281844270



4284203604

 4280664602

 4285383272

 4279419399


 4286628475

 4279026176

 4287808143

 4288987810

 4290167477

 4291347145

 4292592348

 4293772016

Harmonies

Analogous

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



4288984064



4283023937



4278241673

Triad

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



4283023937



4278238207



4294926980

Complementary

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



4283023937



4290396610

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.



4294927563



4283023937



4284785919

Square

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



4283023937



4278241279



4292969471



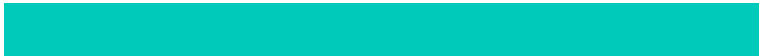
4294933826

Rectangle

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



4283023937



4278242235



4292969471



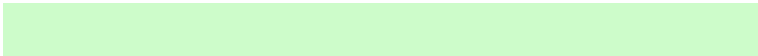
4294925979

Sweetspot

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



4283023937



4291689674



4290951489



4284711009



4278190080



4286611584

Same Dimension

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



4283023937



4282383410



4282499705



4283982167



4278886656



4278329600

Inverse Universe

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



4290396610



4293931772



4290920842



4284503905



4288086177



4280221729

Previews

White Background



This preview shows how the Android color 4283023937 looks on a white background.

Color Contrast Check

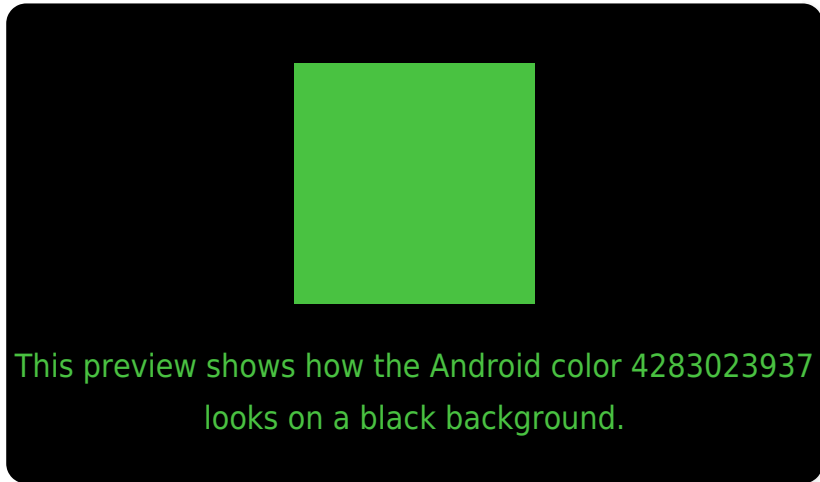
Large Text (above 18pt) WCAG AA × Fail

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

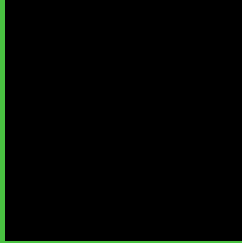
Any Text WCAG AA ✓ Pass

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 4283023937 Background



This preview shows how black text looks on a background with the Android color 4283023937.



This preview shows how white text looks on a background with the Android color 4283023937.

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



Trichromacy



Original Color

4283023937



Protanomaly

4287869501



Deuteranomaly

4288720200



Tritanomaly

4284332692

Monochromacy



Original Color

4283023937



Achromatopsia

4287598479



Achromatomaly

4285964915

CSS Examples

Text

The CSS property to change the color of the text to Android 4283023937 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(73, 194, 65)` looks like.

```
.text, #text, p{  
    color:rgb(73, 194, 65)  
}
```

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(73, 194, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 194, 65) }
```

Border

The CSS property to change the border of an element to Android 4283023937 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(73, 194, 65) }
```

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

```
.border{ border-color:rgb(73, 194, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 194, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 194, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 194, 65);  
box-shadow:4px 4px 4px 4px rgb(73, 194,  
65) }
```

Background

The CSS property to change the background color of an element to Android 4283023937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 194, 65) }
```

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

```
.background{ background-color: rgb(73, 194,  
65) }
```

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](#).

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