

Converting Colors

Android(4283941417)

Have a look what the booklet for
Android(4283941417) contains.

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Color

Android(4283941417)

Conversions

Conversions Part 1

Format	Color
Hex	57C229
RGB	87, 194, 41
RGB Percent	34%, 76%, 16%
CMY	0.6588, 0.2392, 0.8392
CMYK	0.55, 0.00, 0.79, 0.24
HSL	102°, 65%, 46%
HSV	102°, 79%, 76%
XYZ	23.6225, 40.7699, 8.7222
YIQ	144.5650, -14.6590, -70.2670

Conversions

Conversions Part 2

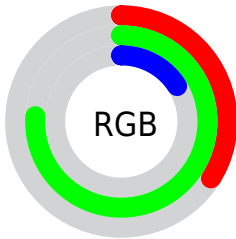
Format	Color
RYB	41, 194, 148
Decimal	5751337
CIELab	70.01, -56.39, 62.09
CIElCh	70, 83.870, 132.247
Yxy	40.7699, 0.3231, 0.5576
Android (android.graphics.Color)	4283941417 (0xFF57C229)
YUV	144.5650, -51.0575, -50.4845
Hunter-Lab	63.8513, -45.7017, 36.5968

Details

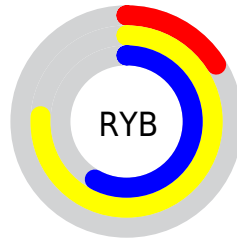
The Android color `4283941417` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted green. A complement of this color would be `4287900098`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4287888227`, and `4278225664` is the 20% darker color. If you saturate the color by 10%, you get `4283023894`, and if you desaturate by 10%, it is `4284858940`.

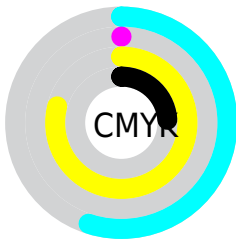
Distribution



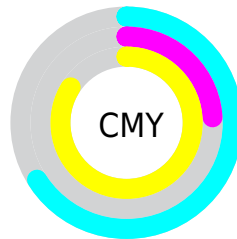
- Red (34%)
- Green (76%)
- Blue (16%)



- Red (16%)
- Yellow (76%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (79%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283941417 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 4283941417 by changing the saturation by 10% instead.



4283941417



4283941417

4294967295



4281771520



4287888227



4278225664



4289789823



4278219008



4291755930



4278212352



4293722039



4278206208



4294967251



4278200320



4294967281



4278190080



4283941417



4283941417



4283023894



4284858940

■ 4282171906

■ 4285710928

■ 4282040832

■ 4286628451

■ 4287480439

■ 4288397962

■ 4289249949

■ 4290167473

■ 4291084996

■ 4291936984

Harmonies

Analogous

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



4289835520



4283941417



4278241914

Triad

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



4283941417



4278239487



4294923919

Complementary

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



4283941417



4287900098

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.



4294926811



4283941417



4278233855

Square

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



4283941417



4278242303



4292118527



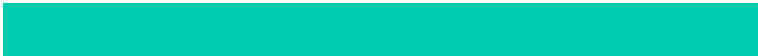
4294931271

Rectangle

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



4283941417



4278242735



4292118527



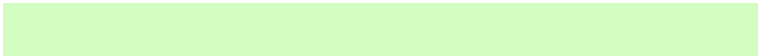
4294923689

Sweetspot

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



4283941417



4292017344



4290941481



4284907611



4278190080



4286611584

Same Dimension

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



4283941417



4283825165



4280926789



4284113239



4281377024



4278853888

Inverse Universe

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



4287900098



4289990140



4290914726



4284372833



4285530273



4279697441

Previews

White Background



This preview shows how the Android color 4283941417 looks on a white background.

Color Contrast Check

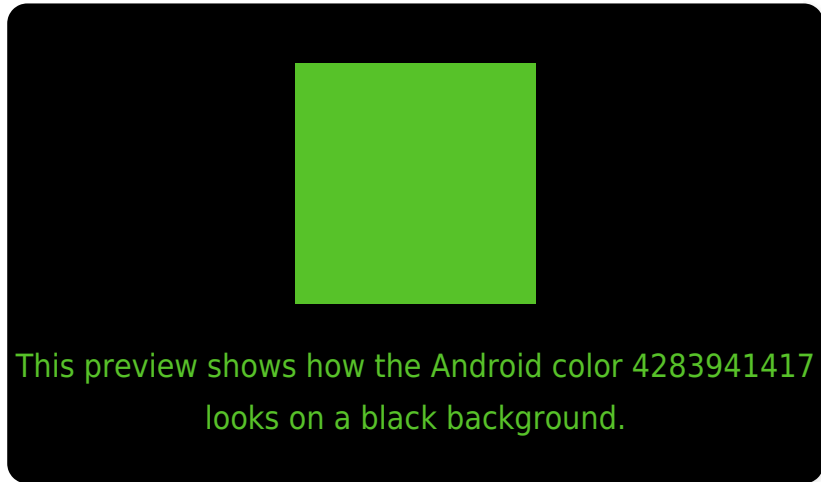
Large Text (above 18pt) WCAG AA × Fail

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 4283941417 Background



This preview shows how black text looks on a background with the Android color 4283941417.



This preview shows how white text looks on a background with the Android color 4283941417.

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
4283941417

Protanopia
4290751011

Deuteranopia
4292190520

Trichromacy



Original Color

4283941417



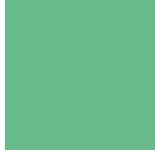
Protanomaly

4288262949



Deuteranomaly

4289178931



Tritanomaly

4285119115

Monochromacy



Original Color

4283941417



Achromatopsia

4287730065



Achromatomaly

4286358379

CSS Examples

Text

The CSS property to change the color of the text to Android 4283941417 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(87, 194, 41)` looks like.

```
.text, #text, p{  
    color:rgb(87, 194, 41)  
}
```

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(87, 194, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 194, 41) }
```

Border

The CSS property to change the border of an element to Android 4283941417 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(87, 194, 41) }
```

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

```
.border{ border-color:rgb(87, 194, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 194, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 194, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 194, 41);  
box-shadow:4px 4px 4px 4px rgb(87, 194,  
41) }
```

Background

The CSS property to change the background color of an element to Android 4283941417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 194, 41) }
```

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

```
.background{ background-color: rgb(87, 194,  
41) }
```

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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