

Converting Colors

Android(4284212257)

Have a look what the booklet for
Android(4284212257) contains.

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Color

Android(4284212257)

Conversions

Conversions Part 1

Format	Color
Hex	5BE421
RGB	91, 228, 33
RGB Percent	36%, 89%, 13%
CMY	0.6431, 0.1059, 0.8706
CMYK	0.60, 0.00, 0.86, 0.11
HSL	102°, 78%, 51%
HSV	102°, 86%, 89%
XYZ	32.3323, 57.8208, 10.8953
YIQ	164.8070, -19.0570, -89.6890

Conversions

Conversions Part 2

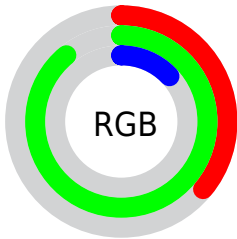
Format	Color
R _Y B	33, 228, 170
Decimal	6022177
CIE Lab	80.64, -67.51, 73.77
CIE LCh	81, 99.998, 132.465
Yxy	57.8208, 0.3200, 0.5722
Android (android.graphics.Color)	4284212257 (0xFF5BE421)
YUV	164.8070, -64.9809, -64.7287
Hunter-Lab	76.0400, -57.1715, 44.7327

Details

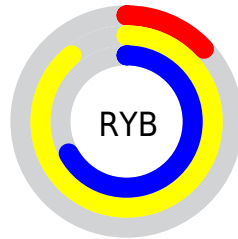
The Android color `4284212257` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4289339876`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288413539`, and `4278233856` is the 20% darker color. If you saturate the color by 10%, you get `4283163658`, and if you desaturate by 10%, it is `4285260856`.

Distribution



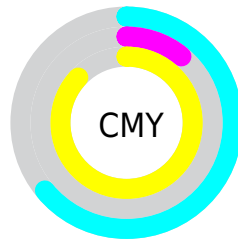
- Red (36%)
- Green (89%)
- Blue (13%)



- Red (13%)
- Yellow (89%)
- Blue (67%)



- Cyan (60%)
- Magenta (0%)
- Yellow (86%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284212257 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 4284212257 by changing the saturation by 10% instead.



4284212257



4284212257

4294967295



4281714432



4288413539



4278233856



4290445184



4278226944



4292476829



4278220032



4294508474



4278213376



4294967255



4278206976



4294967285



4278200832



4278191104



4278190080

■ 4284212257

■ 4284212257

■ 4283163658

■ 4285260856

■ 4282704896

■ 4286309455

■ 4287358053

■ 4288406652

■ 4289455251

■ 4290503850

■ 4291552449

■ 4292601047

■ 4293649646

Harmonies

Analogous

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



4291612672



4284212257



4278251148

Triad

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



4284212257



4278248191



4294924709

Complementary

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



4284212257



4289339876

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.



4294928639



4284212257



4278241279

Square

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



4284212257



4278251519



4294679551



4294935116

Rectangle

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



4284212257



4278251981



4294679551



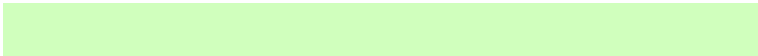
4294923973

Sweetspot

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



4284212257



4291887037



4293175841



4284776536



4278190080



4286611584

Same Dimension

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



4284212257



4283236096



4280411208



4285231975



4281709312



4279186176

Inverse Universe

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



4289339876



4289921279



4293140925



4285491059



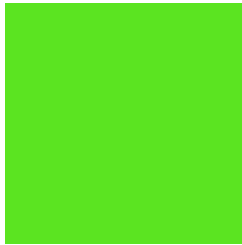
4286382259



4280549427

Previews

White Background



This preview shows how the Android color 4284212257 looks on a white background.

Color Contrast Check

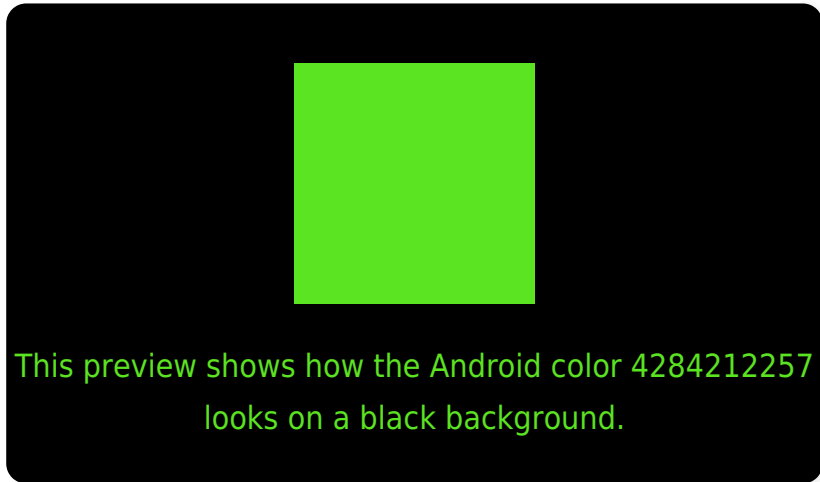
Large Text (above 18pt) WCAG AA × Fail

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 4284212257 Background



This preview shows how black text looks on a background with the Android color 4284212257.



This preview shows how white text looks on a background with the Android color 4284212257.

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

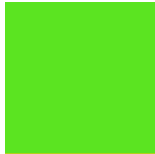


Original Color
4284212257

Protanopia
4292921112

Deuteranopia
4294556729

Trichromacy



Original Color

4284212257



Protanomaly

4289778203



Deuteranomaly

4290825008



Tritanomaly

4285782686

Monochromacy



Original Color

4284212257



Achromatopsia

4289045925



Achromatomaly

4287282293

CSS Examples

Text

The CSS property to change the color of the text to Android 4284212257 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(91, 228, 33)` looks like.

```
.text, #text, p{  
    color:rgb(91, 228, 33)  
}
```

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(91, 228, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 228, 33) }
```

Border

The CSS property to change the border of an element to Android 4284212257 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(91, 228, 33) }
```

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

```
.border{ border-color:rgb(91, 228, 33) }
```

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

Here you see how a box with a 4 pixel rgb(91, 228, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 228, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 228, 33);  
box-shadow:4px 4px 4px 4px rgb(91, 228,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4284212257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 228, 33) }
```

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

```
.background{ background-color: rgb(91, 228,  
33) }
```

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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