

Converting Colors

Android(4284013361)

Have a look what the booklet for
Android(4284013361) contains.

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Color

Android(4284013361)

Conversions

Conversions Part 1

Format	Color
Hex	58DB31
RGB	88, 219, 49
RGB Percent	35%, 86%, 19%
CMY	0.6549, 0.1412, 0.8078
CMYK	0.60, 0.00, 0.78, 0.14
HSL	106°, 70%, 53%
HSV	106°, 78%, 86%
XYZ	29.9104, 52.9595, 11.5515
YIQ	160.4510, -23.5060, -80.6420

Conversions

Conversions Part 2

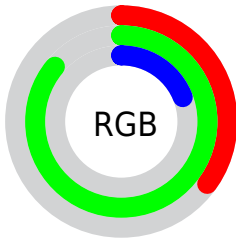
Format	Color
RYB	49, 219, 180
Decimal	5823281
CIELab	77.85, -64.44, 67.13
CIELCh	78, 93.054, 133.826
Yxy	52.9595, 0.3168, 0.5609
Android (android.graphics.Color)	4284013361 (0xFF58DB31)
YUV	160.4510, -54.9453, -63.5395
Hunter-Lab	72.7733, -53.9883, 41.5300

Details

The Android color `4284013361` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark muted green. A complement of this color would be `4289999323`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4288151404`, and `4278231808` is the 20% darker color. If you saturate the color by 10%, you get `4282899227`, and if you desaturate by 10%, it is `4285127495`.

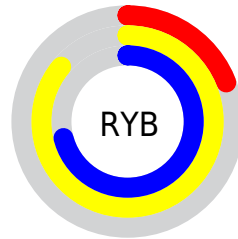
Distribution



Red (35%)

Green (86%)

Blue (19%)



Red (19%)

Yellow (86%)

Blue (71%)

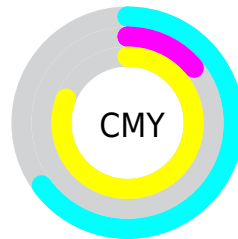


Cyan (60%)

Magenta (0%)

Yellow (78%)

Black (14%)



Cyan (65%)

Magenta (14%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284013361 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 4284013361 by changing the saturation by 10% instead.



4284013361



4284013361

4294967295



4281581315



4288151404



4278231808



4290117512



4278224896



4292149157



4278217984



4294180801



4278211328



4294967262



4278205184

4294967292



4278198784



4278190080



4284013361



4284013361

■ 4282899227

■ 4285127495

■ 4281785093

■ 4286241629

■ 4281522944

■ 4287355763

■ 4288469897

■ 4289518495

■ 4290632628

■ 4291746762

■ 4292860896

■ 4293975030

Harmonies

Analogous

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



4290955520



4284013361



4278248589

Triad

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



4284013361



4278245375



4294926492

Complementary

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



4284013361



4289999323

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.



4294929139



4284013361



4280204799

Square

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



4284013361



4278248703



4294284799



4294935370

Rectangle

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



4284013361



4278249417



4294284799



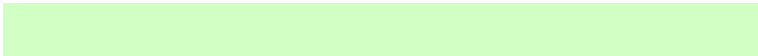
4294925497

Sweetspot

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



4284013361



4292018116



4292588337



4284776540



4278190080



4286611584

Same Dimension

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



4284013361



4282973970



4281457502



4284837475



4280855808



4278922752

Inverse Universe

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



4289999323



4291367679



4292555182



4285227886



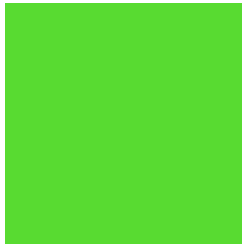
4286972077



4280483886

Previews

White Background



This preview shows how the Android color 4284013361 looks on a white background.

Color Contrast Check

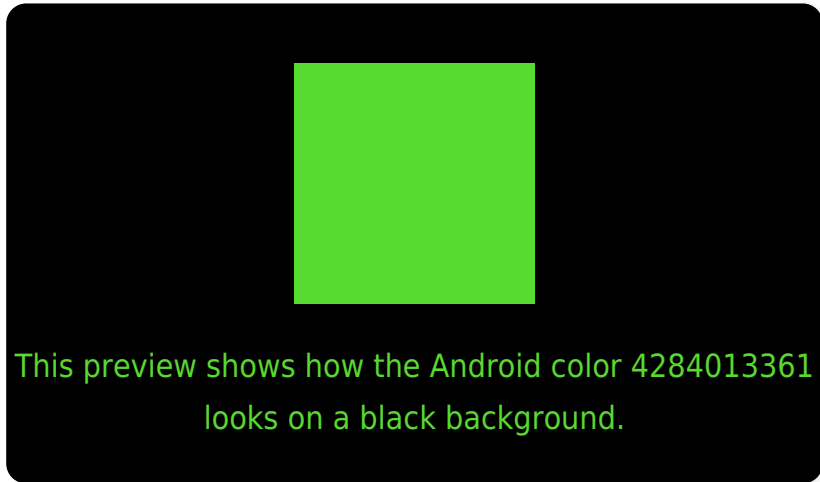
Large Text (above 18pt) WCAG AA × Fail

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 4284013361 Background



This preview shows how black text looks on a background with the Android color 4284013361.



This preview shows how white text looks on a background with the Android color 4284013361.

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



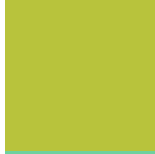
Original Color

4284013361



Protanomaly

4289317165



Deuteranomaly

4290298684



Tritanomaly

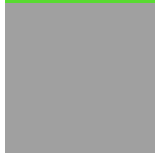
4285452702

Monochromacy



Original Color

4284013361



Achromatopsia

4288716960



Achromatomaly

4287018360

CSS Examples

Text

The CSS property to change the color of the text to Android 4284013361 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(88, 219, 49)` looks like.

```
.text, #text, p{  
    color:rgb(88, 219, 49)  
}
```

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(88, 219, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 219, 49) }
```

Border

The CSS property to change the border of an element to Android 4284013361 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(88, 219, 49) }
```

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

```
.border{ border-color:rgb(88, 219, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 219, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 219, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 219, 49);  
box-shadow:4px 4px 4px 4px rgb(88, 219,  
49) }
```

Background

The CSS property to change the background color of an element to Android 4284013361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 219, 49) }
```

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

```
.background{ background-color: rgb(88, 219,  
49) }
```

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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