

Converting Colors

Android(4288535635)

Have a look what the booklet for
Android(4288535635) contains.

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Color

Android(4288535635)

Conversions

Conversions Part 1

Format	Color
Hex	9DDC53
RGB	157, 220, 83
RGB Percent	62%, 86%, 33%
CMY	0.3843, 0.1373, 0.6745
CMYK	0.29, 0.00, 0.62, 0.14
HSL	88°, 66%, 59%
HSV	88°, 62%, 86%
XYZ	41.0592, 58.9790, 17.4037
YIQ	185.5450, 6.4290, -55.9630

Conversions

Conversions Part 2

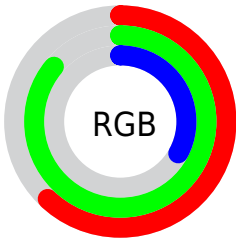
Format	Color
RYB	83, 220, 146
Decimal	10345555
CIELab	81.28, -41.34, 59.18
CIELCh	81, 72.191, 124.933
Yxy	58.9790, 0.3496, 0.5022
Android (android.graphics.Color)	4288535635 (0xFF9DDC53)
YUV	185.5450, -50.5547, -25.0340
Hunter-Lab	76.7978, -38.9630, 40.3224

Details

The Android color `4288535635` is a light color, and the websafe version is hex `99CC33`. The color can be described as light muted chartreuse. A complement of this color would be `4287779804`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4292345738`, and `4284851479` is the 20% darker color. If you saturate the color by 10%, you get `4287880253`, and if you desaturate by 10%, it is `4289191017`.

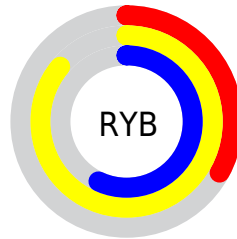
Distribution



Red (62%)

Green (86%)

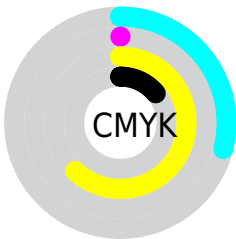
Blue (33%)



Red (33%)

Yellow (86%)

Blue (57%)

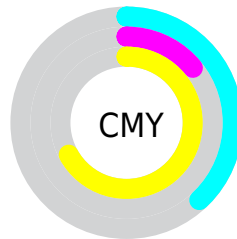


Cyan (29%)

Magenta (0%)

Yellow (62%)

Black (14%)



Cyan (38%)

Magenta (14%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288535635 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 4288535635 by changing the saturation by 10% instead.



4288535635



4288535635

4294967295



4286693431



4292345738



4284851479



4294246309



4283009536



4294967234



4281102336



4294967262



4278540032



4294967292



4278206208



4278200832



4278192384



4278190080

 4288535635

 4288535635

 4287880253

 4289191017


 4287224871

 4289846399

 4286569489

 4290501781

 4286045184

 4291157163

 4291878081

 4292533463

 4293188845

 4293844223

 4294499583

Harmonies

Analogous

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



4293118517



4288535635



4280018574

Triad

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



4288535635



4278247679



4294937537

Complementary

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



4288535635



4287779804

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.



4294940671



4288535635



4282699519

Square

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



4288535635



4278249983



4292588543



4294940544

Rectangle

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



4288535635



4278250172



4292588543



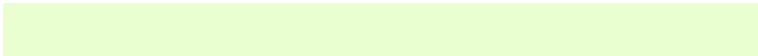
4294937816

Sweetspot

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



4288535635



4293525455



4292645203



4285694050



4278190080



4286611584

Same Dimension

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



4288535635



4289199936



4284144723



4285099619



4284394752



4279840256

Inverse Universe

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



4287779804



4288168191



4292170716



4285031278



4283433133



4279566382

Previews

White Background



This preview shows how the Android color 4288535635 looks on a white background.

Color Contrast Check

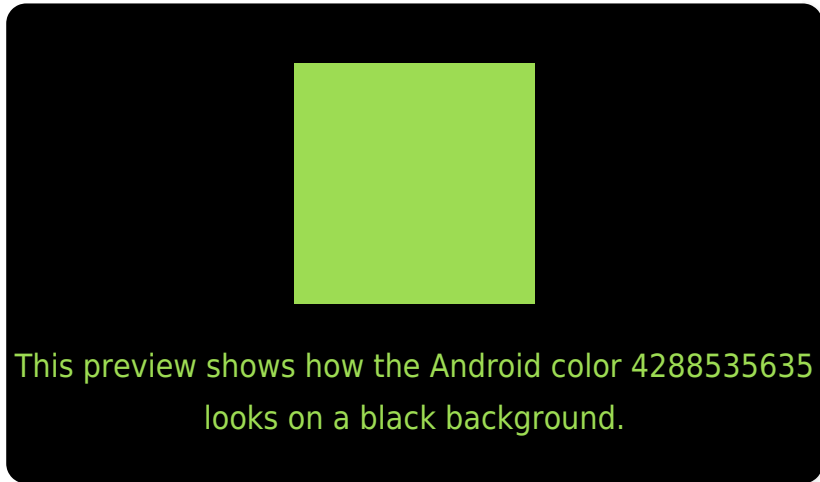
Large Text (above 18pt) WCAG AA × Fail

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 4288535635 Background



This preview shows how black text looks on a background with the Android color 4288535635.



This preview shows how white text looks on a background with the Android color 4288535635.

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



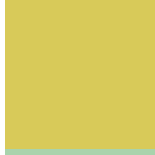
Original Color

4288535635



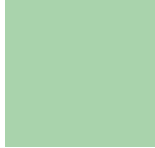
Protanomaly

4291350608



Deuteranomaly

4292397657



Tritanomaly

4289319852

Monochromacy



Original Color

4288535635



Achromatopsia

4290427578



Achromatomaly

4289709717

CSS Examples

Text

The CSS property to change the color of the text to Android 4288535635 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(157, 220, 83)` looks like.

```
.text, #text, p{  
    color:rgb(157, 220, 83)  
}
```

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(157, 220, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 220, 83) }
```

Border

The CSS property to change the border of an element to Android 4288535635 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(157, 220, 83) }
```

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

```
.border{ border-color:rgb(157, 220, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 220, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 220, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 220, 83);  
box-shadow:4px 4px 4px 4px rgb(157, 220,  
83) }
```

Background

The CSS property to change the background color of an element to Android 4288535635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 220, 83) }
```

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

```
.background{ background-color: rgb(157,  
220, 83) }
```

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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