

Converting Colors

Android(4288596313)

Have a look what the booklet for
Android(4288596313) contains.

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Color

Android(4288596313)

Conversions

Conversions Part 1

Format	Color
Hex	9EC959
RGB	158, 201, 89
RGB Percent	62%, 79%, 35%
CMY	0.3804, 0.2118, 0.6510
CMYK	0.21, 0.00, 0.56, 0.21
HSL	83°, 51%, 57%
HSV	83°, 56%, 79%
XYZ	36.7904, 49.7637, 17.1175
YIQ	175.3750, 10.3240, -43.9480

Conversions

Conversions Part 2

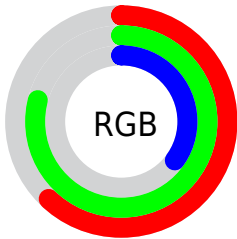
Format	Color
RYB	89, 201, 132
Decimal	10406233
CIELab	75.92, -31.83, 50.55
CIElCh	76, 59.736, 122.200
Yxy	49.7637, 0.3549, 0.4800
Android (android.graphics.Color)	4288596313 (0xFF9EC959)
YUV	175.3750, -42.5829, -15.2379
Hunter-Lab	70.5434, -30.3581, 34.9935

Details

The Android color `4288596313` is a dark color, and the websafe version is hex `99CC66`. The color can be described as middle muted chartreuse. A complement of this color would be `4286863817`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4292345742`, and `4285043492` is the 20% darker color. If you saturate the color by 10%, you get `4288072005`, and if you desaturate by 10%, it is `4289120621`.

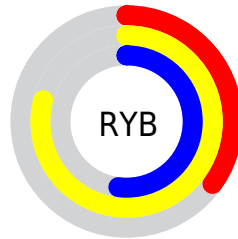
Distribution



Red (62%)

Green (79%)

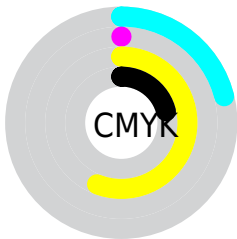
Blue (35%)



Red (35%)

Yellow (79%)

Blue (52%)

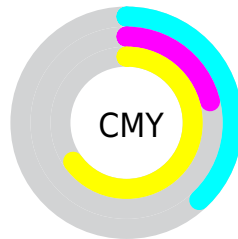


Cyan (21%)

Magenta (0%)

Yellow (56%)

Black (21%)



Cyan (38%)

Magenta (21%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288596313 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 4288596313 by changing the saturation by 10% instead.



4288596313



4288596313

4294967295



4286819903



4292345742



4285043492



4294246314



4283267328



4294967238



4281556992



4294967266



4279715840



4278202624



4278197504



4278190080



4288596313



4288596313

■ 4288072005

■ 4289120621

■ 4287613233

■ 4289579393

■ 4287088925

■ 4290103701

■ 4286564617

■ 4290628009

■ 4286368000

■ 4291152318

■ 4291611090

■ 4292135398

■ 4292659706

■ 4293118463

Harmonies

Analogous

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



4292262471



4288596313



4283552389

Triad

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



4288596313



4278243071



4294937529

Complementary

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



4288596313



4286863817

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.



4294940400



4288596313



4283810047

Square

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



4288596313



4278244852



4291013631



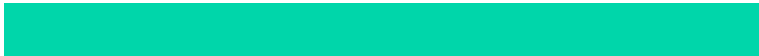
4294939267

Rectangle

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



4288596313



4278245034



4291013631



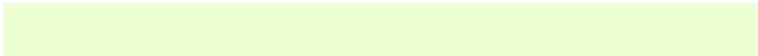
4294937804

Sweetspot

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



4288596313



4293853140



4291396697



4285956198



4278190080



4286611584

Same Dimension

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



4288596313



4290641748



4284926297



4284506970



4284850944



4279641088

Inverse Universe

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



4286863817



4288042239



4290533833



4284308067



4282319011



4279107620

Previews

White Background



This preview shows how the Android color 4288596313 looks on a white background.

Color Contrast Check

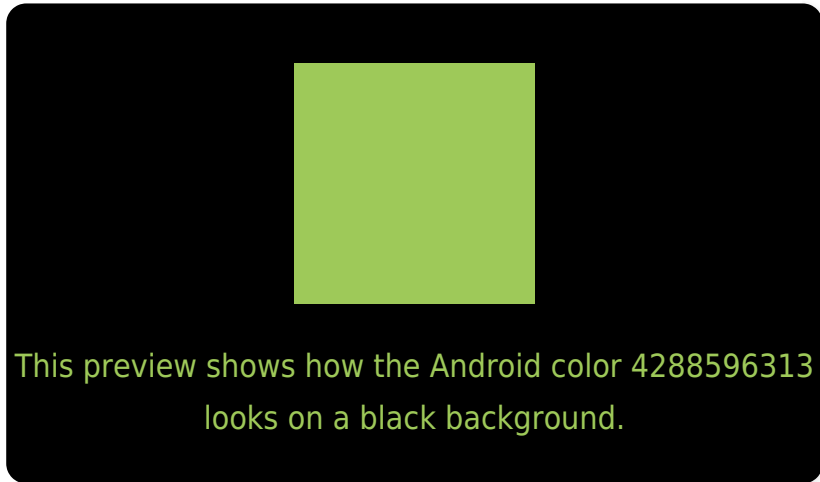
Large Text (above 18pt) WCAG AA × Fail

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 4288596313 Background



This preview shows how black text looks on a background with the Android color 4288596313.



This preview shows how white text looks on a background with the Android color 4288596313.

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
4288596313

Protanopia
4291803989

Deuteranopia
4293243487

Trichromacy



Original Color
4288596313

Protanomaly
4290625622

Deuteranomaly
4291541597

Tritanomaly
4289249698

Monochromacy



Original Color
4288596313

Achromatopsia
4289703855

Achromatomaly
4289312912

CSS Examples

Text

The CSS property to change the color of the text to Android 4288596313 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(158, 201, 89)` looks like.

```
.text, #text, p{  
    color:rgb(158, 201, 89)  
}
```

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(158, 201, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 201, 89) }
```

Border

The CSS property to change the border of an element to Android 4288596313 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(158, 201, 89) }
```

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

```
.border{ border-color:rgb(158, 201, 89) }
```

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

Here you see how a box with a 4 pixel rgb(158, 201, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 201, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 201, 89);  
box-shadow:4px 4px 4px 4px rgb(158, 201,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4288596313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 201, 89) }
```

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

```
.background{ background-color: rgb(158,  
201, 89) }
```

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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