

Converting Colors

Android(4285188151)

Have a look what the booklet for
Android(4285188151) contains.

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Color

Android(4285188151)

Conversions

Conversions Part 1

Format	Color
Hex	6AC837
RGB	106, 200, 55
RGB Percent	42%, 78%, 22%
CMY	0.5843, 0.2157, 0.7843
CMYK	0.47, 0.00, 0.72, 0.22
HSL	99°, 57%, 50%
HSV	99°, 72%, 78%
XYZ	27.2877, 44.6486, 10.7943
YIQ	155.3640, -9.4790, -65.0230

Conversions

Conversions Part 2

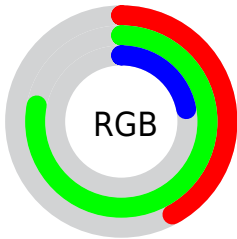
Format	Color
RYB	55, 200, 149
Decimal	6998071
CIELab	72.66, -52.31, 60.30
CIELCh	73, 79.824, 130.941
Yxy	44.6486, 0.3298, 0.5397
Android (android.graphics.Color)	4285188151 (0xFF6AC837)
YUV	155.3640, -49.4795, -43.2922
Hunter-Lab	66.8196, -44.0386, 37.1958

Details

The Android color `4285188151` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4287969224`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4289003375`, and `4281045248` is the 20% darker color. If you saturate the color by 10%, you get `4284336163`, and if you desaturate by 10%, it is `4286040139`.

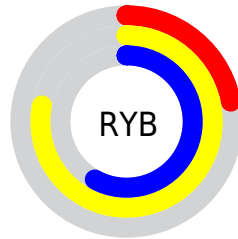
Distribution



Red (42%)

Green (78%)

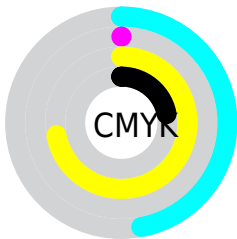
Blue (22%)



Red (22%)

Yellow (78%)

Blue (58%)

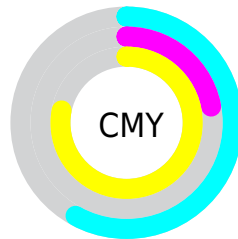


Cyan (47%)

Magenta (0%)

Yellow (72%)

Black (22%)



Cyan (58%)

Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285188151 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 4285188151 by changing the saturation by 10% instead.



4285188151



4285188151

4294967295



4283214870



4289003375



4281045248



4290903946



4278220544



4292870054



4278213888



4294836162



4278207488



4294967263



4278201856

4294967293



4278194432



4278190080



4285188151



4285188151

■ 4284336163

■ 4286040139

■ 4283484175

■ 4286892127

■ 4282828800

■ 4287744115

■ 4288596103

■ 4289448091

■ 4290300079

■ 4291152067

■ 4292004055

■ 4292856043

Harmonies

Analogous

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



4290557696



4285188151



4278243712

Triad

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



4285188151



4278241279



4294928027

Complementary

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



4285188151



4287969224

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.



4294930916



4285188151



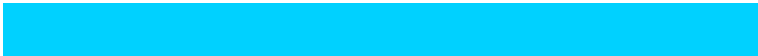
4280791807

Square

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



4285188151



4278243839



4292317951



4294933845

Rectangle

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



4285188151



4278244274



4292317951



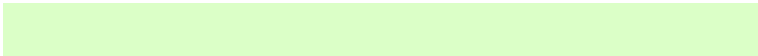
4294927795

Sweetspot

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



4285188151



4292607943



4291334967



4285169758



4278190080



4286611584

Same Dimension

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



4285188151



4285529889



4281845834



4284310362



4281967360



4279051264

Inverse Universe

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



4287969224



4289798655



4291311541



4284504675



4285137059



4279697444

Previews

White Background



This preview shows how the Android color 4285188151 looks on a white background.

Color Contrast Check

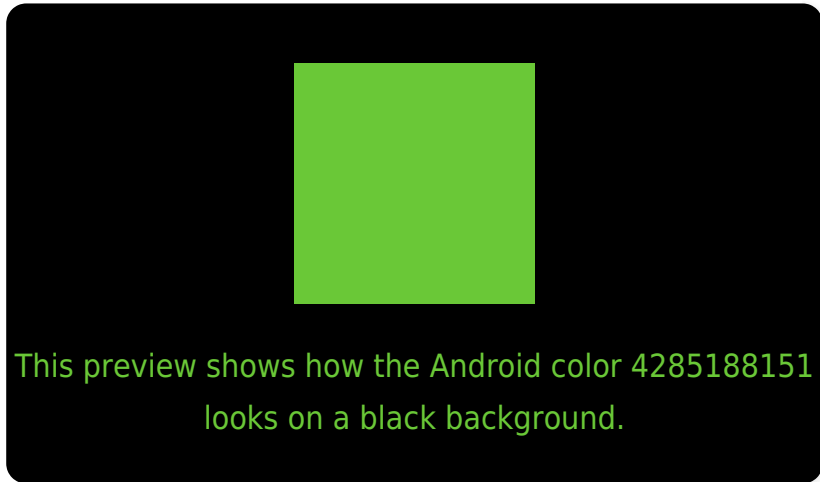
Large Text (above 18pt) WCAG AA × Fail

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 4285188151 Background



This preview shows how black text looks on a background with the Android color 4285188151.

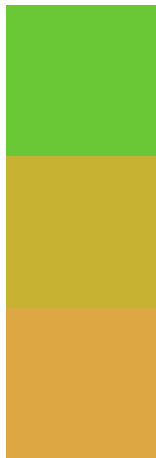


This preview shows how white text looks on a background with the Android color 4285188151.

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
4285188151

Protanopia
4291277361

Deuteranopia
4292716611

Trichromacy



Original Color
4285188151



Protanomaly
4289051187



Deuteranomaly
4289967167



Tritanomaly
4286169237

Monochromacy



Original Color
4285188151



Achromatopsia
4288387995



Achromatomaly
4287212407

CSS Examples

Text

The CSS property to change the color of the text to Android 4285188151 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(106, 200, 55)` looks like.

```
.text, #text, p{  
    color:rgb(106, 200, 55)  
}
```

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(106, 200, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 200, 55) }
```

Border

The CSS property to change the border of an element to Android 4285188151 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(106, 200, 55) }
```

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

```
.border{ border-color:rgb(106, 200, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 200, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 200, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 200, 55);  
box-shadow:4px 4px 4px 4px rgb(106, 200,  
55) }
```

Background

The CSS property to change the background color of an element to Android 4285188151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 200, 55) }
```

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

```
.background{ background-color: rgb(106,  
200, 55) }
```

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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