

Converting Colors

Android(4285197900)

Have a look what the booklet for
Android(4285197900) contains.

Android(4285197900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285197900)

Conversions

Conversions Part 1

Format	Color
Hex	6AEE4C
RGB	106, 238, 76
RGB Percent	42%, 93%, 30%
CMY	0.5843, 0.0667, 0.7020
CMYK	0.55, 0.00, 0.68, 0.07
HSL	109°, 83%, 62%
HSV	109°, 68%, 93%
XYZ	37.8229, 64.7350, 17.3391
YIQ	180.0640, -26.6700, -78.3660

Conversions

Conversions Part 2

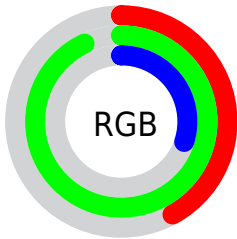
Format	Color
RYB	76, 238, 208
Decimal	7007820
CIELab	84.35, -64.76, 64.61
CIELCh	84, 91.477, 135.068
Yxy	64.7350, 0.3155, 0.5399
Android (android.graphics.Color)	4285197900 (0xFF6AEE4C)
YUV	180.0640, -51.3036, -64.9541
Hunter-Lab	80.4581, -56.8898, 43.5434

Details

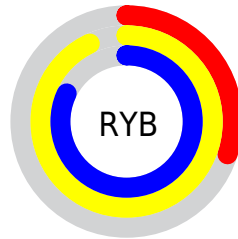
The Android color `4285197900` is a dark color, and the websafe version is hex `66FF66`. The color can be described as middle muted chartreuse. A complement of this color would be `4291841262`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4289265540`, and `4280071424` is the 20% darker color. If you saturate the color by 10%, you get `4283952692`, and if you desaturate by 10%, it is `4286443108`.

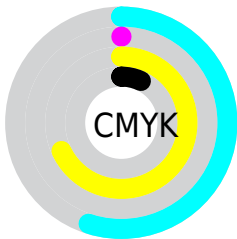
Distribution



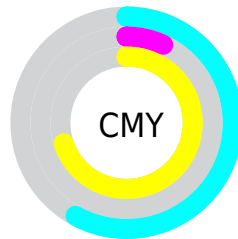
- Red (42%)
- Green (93%)
- Blue (30%)



- Red (30%)
- Yellow (93%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (68%)
- Black (7%)



- Cyan (58%)
- Magenta (7%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285197900 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 4285197900 by changing the saturation by 10% instead.

 4285197900

 4285197900

4294967295

 4282962222

 4289265540

 4280071424

 4291231648

 4278229248

 4293263293

 4278222336

 4294967258

 4278215680

 4294967287

 4278209024

 4278203136

 4278196224

 4278190080

 4285197900


 4285197900

 4283952692


 4286443108

 4282641948


 4287753852

 4281396741

 4288999059

 4281134592

 4290309803

 4291555011

 4292800219

 4294110963

 4294962943

Harmonies

Analogous

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



4292008960



4285197900



4278253475

Triad

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



4285197900



4278249983



4294932907

Complementary

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



4285197900



4291841262

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.



4294934783



4285197900



4284993279

Square

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



4285197900



4278253311



4294944767



4294941018

Rectangle

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



4285197900



4278254303



4294944767



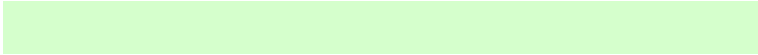
4294932167

Sweetspot

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



4285197900



4292214732



4293840460



4284973153



4278190080



4286611584

Same Dimension

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



4285197900



4283825966



4283231869



4285429868



4280465408



4278859776

Inverse Universe

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



4291841262



4292357887



4293807293



4285951096



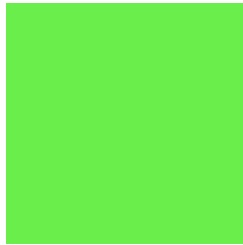
4288020664



4281204792

Previews

White Background



This preview shows how the Android color 4285197900 looks on a white background.

Color Contrast Check

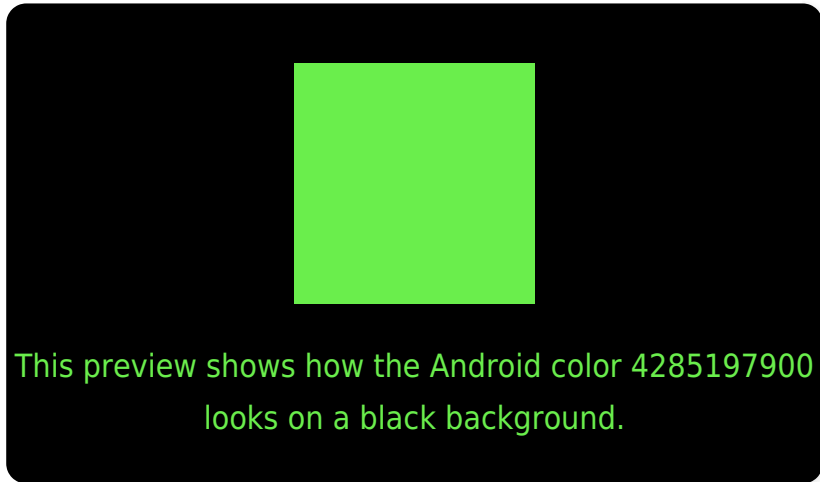
Large Text (above 18pt) WCAG AA × Fail

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

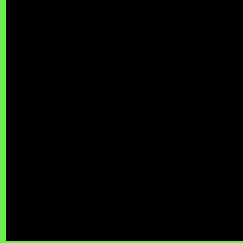
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

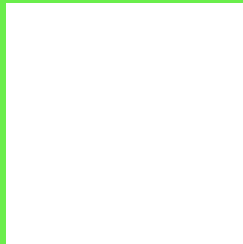
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4285197900 Background



This preview shows how black text looks on a background with the Android color 4285197900.



This preview shows how white text looks on a background with the Android color 4285197900.

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



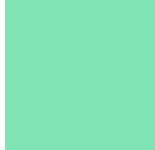
Original Color
4285197900



Protanomaly
4290501703



Deuteranomaly
4291417440

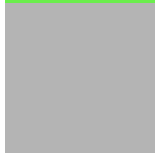


Tritanomaly
4286571700

Monochromacy



Original Color
4285197900



Achromatopsia
4290032820



Achromatomaly
4288268686

CSS Examples

Text

The CSS property to change the color of the text to Android 4285197900 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, 238, 76)` looks like.

```
.text, #text, p{  
    color:rgb(106, 238, 76)  
}
```

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, 238, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 238, 76) }
```

Border

The CSS property to change the border of an element to Android 4285197900 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, 238, 76) }
```

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

```
.border{ border-color:rgb(106, 238, 76) }
```

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

Here you see how a box with a 4 pixel rgb(106, 238, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 238, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 238, 76);  
box-shadow:4px 4px 4px 4px rgb(106, 238,  
76) }
```

Background

The CSS property to change the background color of an element to Android 4285197900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 238, 76) }
```

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

```
.background{ background-color: rgb(106,  
238, 76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor