

Converting Colors

Android(4285661073)

Have a look what the booklet for
Android(4285661073) contains.

Android(4285661073)	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(4285661073)

Conversions

Conversions Part 1

Format	Color
Hex	71FF91
RGB	113, 255, 145
RGB Percent	44%, 100%, 57%
CMY	0.5569, 0.0000, 0.4314
CMYK	0.56, 0.00, 0.43, 0.00
HSL	134°, 100%, 72%
HSV	134°, 56%, 100%
XYZ	47.6809, 77.0750, 39.1520
YIQ	200.0020, -49.3220, -64.3140

Conversions

Conversions Part 2

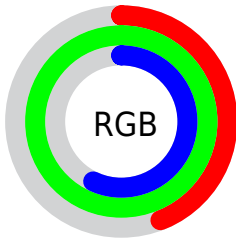
Format	Color
RYB	113, 229, 255
Decimal	7470993
CIELab	90.36, -61.14, 41.15
CIELCh	90, 73.703, 146.058
Yxy	77.0750, 0.2909, 0.4702
Android (android.graphics.Color)	4285661073 (0xFF71FF91)
YUV	200.0020, -27.1160, -76.3008
Hunter-Lab	87.7924, -56.6916, 35.0136

Details

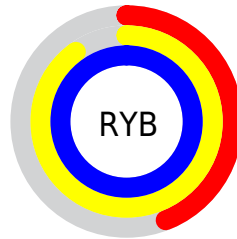
The Android color `4285661073` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294930911`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4289658824`, and `4280993117` is the 20% darker color. If you saturate the color by 10%, you get `4284022653`, and if you desaturate by 10%, it is `4287365029`.

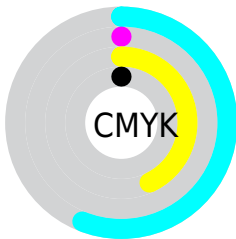
Distribution



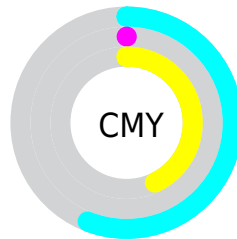
- Red (44%)
- Green (100%)
- Blue (57%)



- Red (44%)
- Yellow (90%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285661073 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 4285661073 by changing the saturation by 10% instead.

 4285661073


 4285661073

4294967295

 4283556470

 4289658824

 4280993117

 4291624933

 4278233411

 4293656575

 4278226474

 4278219534

 4278212864

 4278206464

 4278200576

 4278190592

■ 4285661073

■ 4285661073

■ 4284022653

■ 4287365029

■ 4282318697

■ 4289003449

■ 4280614742

■ 4290707404

■ 4278976322

■ 4292345824

■ 4278255417

■ 4294049780

4294967295

Harmonies

Analogous

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



4291687004



4285661073



4278255575

Triad

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



4285661073



4278251263



4294945449

Complementary

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



4285661073



4294930911

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.



4294944240



4285661073



4292269567

Square

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



4285661073



4278255359



4294948863



4294951535

Rectangle

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



4285661073



4278255615



4294948863



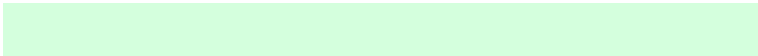
4294944192

Sweetspot

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



4285661073



4292149213



4292935537



4284907628



4278190080



4286611584

Same Dimension

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



4285661073



4283760507



4285661143



4285759606



4278239019



4278206478

Inverse Universe

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



4294930911



4294923480



4294930841



4286608253



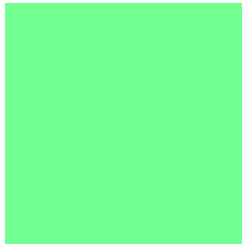
4290707604



4282384433

Previews

White Background



This preview shows how the Android color 4285661073 looks on a white background.

Color Contrast Check

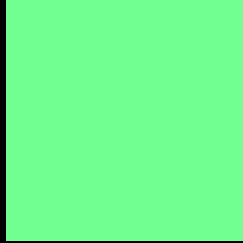
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4285661073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

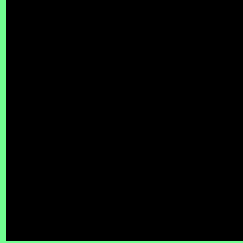
Any Text WCAG AA ✓ Pass

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 4285661073 Background



This preview shows how black text looks on a background with the Android color 4285661073.

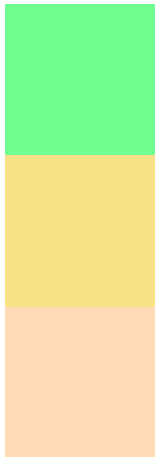


This preview shows how white text looks on a background with the Android color 4285661073.

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
4285661073

Protanopia
4294435462

Deuteranopia
4294958008

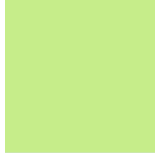


Tritanopia
4288868351

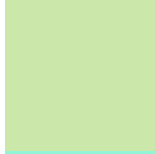
Trichromacy



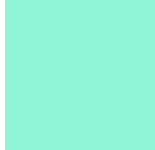
Original Color
4285661073



Protanomaly
4291227018



Deuteranomaly
4291553450

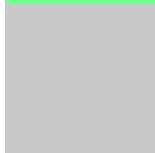


Tritanomaly
4287690199

Monochromacy



Original Color
4285661073



Achromatopsia
4291348680



Achromatomaly
4289256628

CSS Examples

Text

The CSS property to change the color of the text to Android 4285661073 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(113, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(113, 255, 145)  
}
```

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(113, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 255, 145) }
```

Border

The CSS property to change the border of an element to Android 4285661073 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(113, 255, 145) }
```

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

```
.border{ border-color:rgb(113, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(113, 255,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4285661073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 255, 145) }
```

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

```
.background{ background-color: rgb(113,  
255, 145) }
```

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