

Converting Colors

Android(4285121019)

Have a look what the booklet for
Android(4285121019) contains.

Android(4285121019)	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(4285121019)

Conversions

Conversions Part 1

Format	Color
Hex	69C1FB
RGB	105, 193, 251
RGB Percent	41%, 76%, 98%
CMY	0.5882, 0.2431, 0.0157
CMYK	0.58, 0.23, 0.00, 0.02
HSL	204°, 95%, 70%
HSV	204°, 58%, 98%
XYZ	42.3082, 48.1082, 98.3227
YIQ	173.3000, -71.0660, -0.6180

Conversions

Conversions Part 2

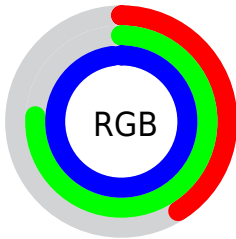
Format	Color
R _Y B	105, 160, 251
Decimal	6930939
CIE Lab	74.89, -10.01, -36.60
CIE LCh	75, 37.946, 254.699
Yxy	48.1082, 0.2242, 0.2549
Android (android.graphics.Color)	4285121019 (0xFF69C1FB)
YUV	173.3000, 38.3061, -59.8991
Hunter-Lab	69.3601, -12.4988, -35.4956

Details

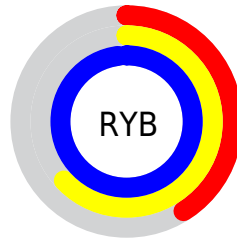
The Android color `4285121019` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294681449`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4289133055`, and `4280257730` is the 20% darker color. If you saturate the color by 10%, you get `4283480059`, and if you desaturate by 10%, it is `4286761979`.

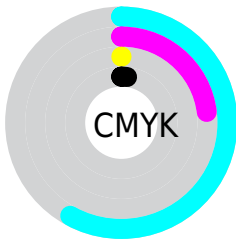
Distribution



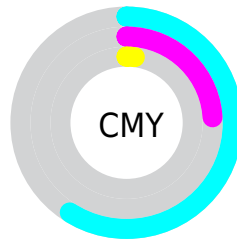
- Red (41%)
- Green (76%)
- Blue (98%)



- Red (41%)
- Yellow (63%)
- Blue (98%)



- Cyan (58%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)

















- Cyan (59%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285121019 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 4285121019 by changing the saturation by 10% instead.

 4285121019	 4285121019
4294967295	 4282951390
 4289133055	 4280257730
 4291100671	 4278219431
 4293066751	 4278213260
	 4278207090
	 4278201690
	 4278196546
	 4278190891
	 4278190358

■ 4285121019

■ 4285121019

■ 4283480059

■ 4286761979

■ 4281839099

■ 4288402939

■ 4280198139

■ 4290043899

■ 4278557179

■ 4291684859

■ 4278228987

■ 4293325819

■ 4294966779

■ 4294967291

Harmonies

Analogous

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



4281845992



4285121019



4288853756

Triad

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



4285121019



4294811304



4288136582

Complementary

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



4285121019



4294681449

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.



4290755700



4285121019



4294354313

Square

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



4285121019



4294025420



4292849781



4285319845

Rectangle

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



4285121019



4291079666



4292849781



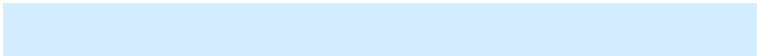
4289053310

Sweetspot

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



4285121019



4292144895



4285135777



4284904832



4278190080



4286611584

Same Dimension

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



4285121019



4283283711



4285102843



4285560957



4278219453



4278199613

Inverse Universe

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



4294666689



4294921656



4294699625



4286410872



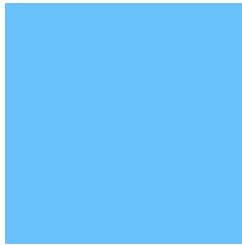
4290576498



4282187813

Previews

White Background



This preview shows how the Android color 4285121019 looks on a white background.

Color Contrast Check

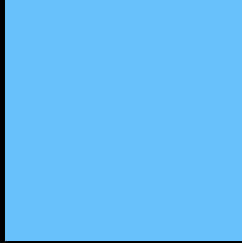
Large Text (above 18pt) WCAG AA × Fail

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 4285121019 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

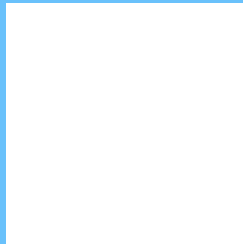
Any Text WCAG AAA ✓ Pass

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

Android 4285121019 Background



This preview shows how black text looks on a background with the Android color 4285121019.

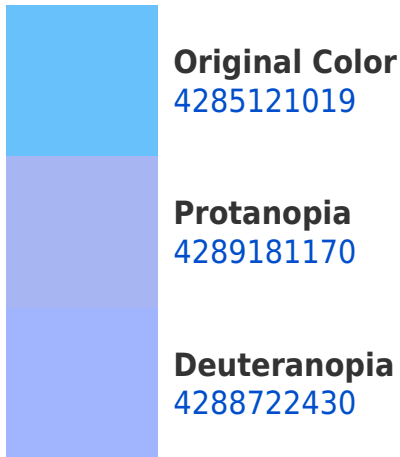


This preview shows how white text looks on a background with the Android color 4285121019.

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
4285121019



Protanomaly
4287674869



Deuteranomaly
4287412733



Tritanomaly
4284466661

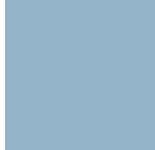
Monochromacy



Original Color
4285121019



Achromatopsia
4289572269



Achromatomaly
4287935689

CSS Examples

Text

The CSS property to change the color of the text to Android 4285121019 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(105, 193, 251)` looks like.

```
.text, #text, p{  
    color:rgb(105, 193, 251)  
}
```

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(105, 193, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 193, 251) }
```

Border

The CSS property to change the border of an element to Android 4285121019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

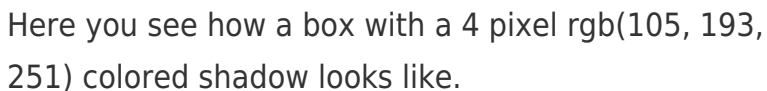
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 193, 251) }
```

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

```
.border{ border-color:rgb(105, 193, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 193, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 193, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 193, 251);  
box-shadow:4px 4px 4px 4px rgb(105, 193,  
251) }
```

Background

The CSS property to change the background color of an element to Android 4285121019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 193, 251) }
```

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

```
.background{ background-color: rgb(105,  
193, 251) }
```

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