

# Converting Colors

Android(4285783321)

Have a look what the booklet for  
Android(4285783321) contains.

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# **Color**

**Android(4285783321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73DD19
RGB	115, 221, 25
RGB Percent	45%, 87%, 10%
CMY	0.5490, 0.1333, 0.9020
CMYK	0.48, 0.00, 0.89, 0.13
HSL	92°, 80%, 48%
HSV	92°, 89%, 87%
XYZ	33.1022, 55.4279, 9.8737
YIQ	166.9620, -0.2600, -83.4280

# Conversions

## Conversions Part 2

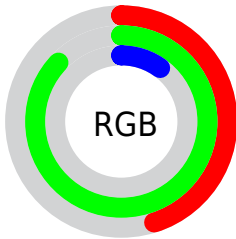
Format	Color
<a href="#">RYB</a>	<a href="#">25, 221, 131</a>
Decimal	<a href="#">7593241</a>
CIELab	<a href="#">79.29, -58.94, 74.43</a>
CIELCh	<a href="#">79, 94.942, 128.372</a>
Yxy	<a href="#">55.4279, 0.3364, 0.5633</a>
Android (android.graphics.Color)	<a href="#">4285783321</a> ( <a href="#">0xFF73DD19</a> )
YUV	<a href="#">166.9620, -69.9873, -45.5707</a>
Hunter-Lab	<a href="#">74.4499, -50.9222, 44.2518</a>

# Details

The Android color `4285783321` is a dark color, and the websafe version is hex `66CC00`. The color can be described as dark washed chartreuse. A complement of this color would be `4286781917`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4289724254`, and `4281378048` is the 20% darker color. If you saturate the color by 10%, you get `4284996867`, and if you desaturate by 10%, it is `4286569775`.

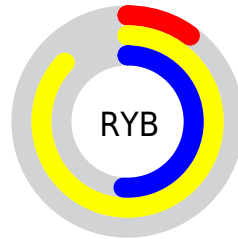
# Distribution



Red (45%)

Green (87%)

Blue (10%)



Red (10%)

Yellow (87%)

Blue (51%)

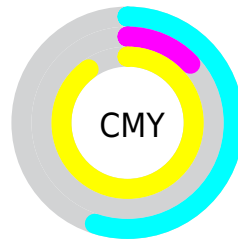


Cyan (48%)

Magenta (0%)

Yellow (89%)

Black (13%)



Cyan (55%)

Magenta (13%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285783321 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 4285783321 by changing the saturation by 10% instead.





4285783321



4285783321

4294967295



4283744512



4289724254



4281378048



4291755899



4278225408



4293722008



4278218752



4294967221



4278212096



4294967250



4278205696



4294967280



4278199808



4278190080



4285783321



4285783321

■ 4284996867

■ 4286569775

■ 4284865792

■ 4287356229

■ 4288142683

■ 4288929137

■ 4289715591

■ 4290502046

■ 4291288500

■ 4292074954

■ 4292861408

# Harmonies

## Analogous

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



4292200704



4285783321



4278249599

# Triad

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



4285783321



4278247423



4294926000

# Complementary

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



4285783321



4286781917

# 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.



4294931199



4285783321



4278241279

# Square

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



4285783321



4278250239



4293173503



4294933851

# Rectangle

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



4285783321



4278250429



4293173503



4294926285

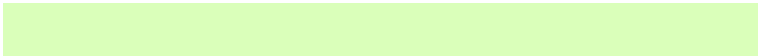


# Sweetspot

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



4285783321



4292542394



4292706841



4285104215



4278190080



4286611584



# Same Dimension

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



4285783321



4285923072



4279885088



4285034083



4283477248



4279578112



# Inverse Universe

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



4286781917



4287234303



4292680150



4285096814



4284350637

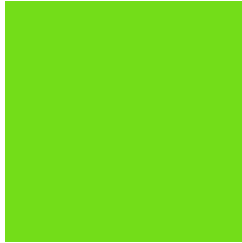


4279828526



# Previews

## White Background



This preview shows how the Android color 4285783321 looks on a white background.

## Color Contrast Check

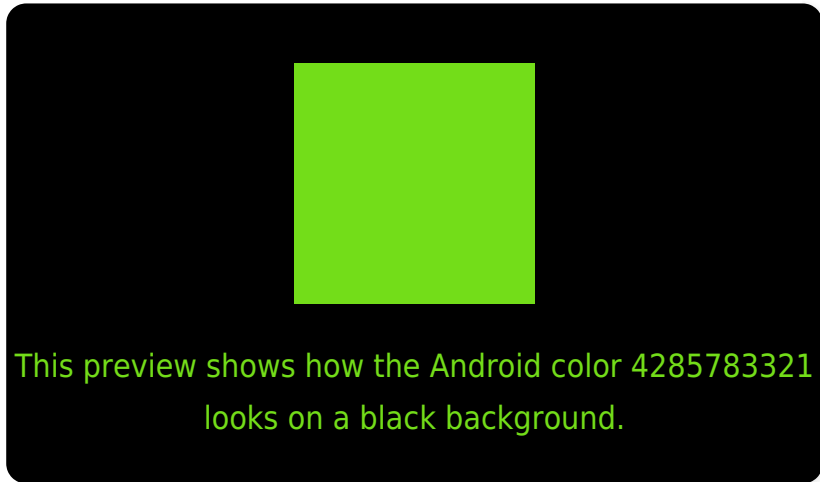
Large Text (above 18pt) WCAG AA × Fail

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 4285783321 Background



This preview shows how black text looks on a background with the Android color 4285783321.



This preview shows how white text looks on a background with the Android color 4285783321.

# 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**  
4285783321



**Protanomaly**  
4290170131



**Deuteranomaly**  
4291216937



**Tritanomaly**  
4286960534

# Monochromacy



**Original Color**  
4285783321



**Achromatopsia**  
4289177511



**Achromatomaly**  
4287937395

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285783321 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(115, 221, 25)` looks like.

```
.text, #text, p{  
    color:rgb(115, 221, 25)  
}
```

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(115, 221, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 221, 25) }
```

## Border

The CSS property to change the border of an element to Android 4285783321 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(115, 221, 25) }
```

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

```
.border{ border-color:rgb(115, 221, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 221, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 221, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 221, 25);  
box-shadow:4px 4px 4px 4px rgb(115, 221,  
25) }
```

# Background

The CSS property to change the background color of an element to Android 4285783321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 221, 25) }
```

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

```
.background{ background-color: rgb(115,  
221, 25) }
```

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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