

# Converting Colors

Android(4283432305)

Have a look what the booklet for  
Android(4283432305) contains.

<b>Android(4283432305)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4283432305)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FFD71
RGB	79, 253, 113
RGB Percent	31%, 99%, 44%
CMY	0.6902, 0.0078, 0.5569
CMYK	0.69, 0.00, 0.55, 0.01
HSL	132°, 98%, 65%
HSV	132°, 69%, 99%
XYZ	41.3304, 73.1051, 27.5551
YIQ	185.0140, -58.7640, -80.4280

# Conversions

## Conversions Part 2

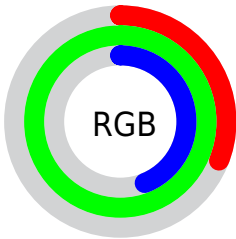
Format	Color
<a href="#">RYB</a>	<a href="#">79, 225, 253</a>
Decimal	<a href="#">5242225</a>
CIELab	<a href="#">88.50, -71.62, 53.66</a>
CIELCh	<a href="#">88, 89.492, 143.156</a>
Yxy	<a href="#">73.1051, 0.2911, 0.5149</a>
Android (android.graphics.Color)	<a href="#">4283432305 (0xFF4FFD71)</a>
YUV	<a href="#">185.0140, -35.5029, -92.9743</a>
Hunter-Lab	<a href="#">85.5015, -63.3430, 40.7433</a>

# Details

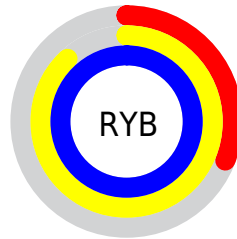
The Android color `4283432305` is a dark color, and the websafe version is hex `66FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294791131`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4287954856`, and `4278240059` is the 20% darker color. If you saturate the color by 10%, you get `4281793885`, and if you desaturate by 10%, it is `4285070725`.

# Distribution



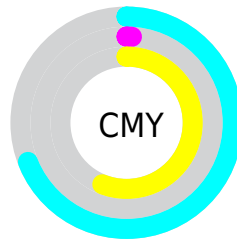
- Red (31%)
- Green (99%)
- Blue (44%)



- Red (31%)
- Yellow (88%)
- Blue (99%)



- Cyan (69%)
- Magenta (0%)
- Yellow (55%)
- Black (1%)



- Cyan (69%)
- Magenta (1%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283432305 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 4283432305 by changing the saturation by 10% instead.



 4283432305

 4283432305

4294967295

 4280148054

 4287954856

 4278240059

 4289986500

 4278232862

 4292083681

 4278225664

 4294115326

 4278218752

 4278212096

 4278205952

 4278199296

 4278190080

■ 4283432305

■ 4283432305

■ 4281793885

■ 4285070725

■ 4280089928

■ 4286774682

■ 4278451508

■ 4288413102

■ 4278254897

■ 4290051522

■ 4291755479

■ 4293393899

■ 4294966783

# Harmonies

## Analogous

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



4291357986



4283432305



4278255559

# Triad

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



4283432305



4278251263



4294938528

# Complementary

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



4283432305



4294791131

# 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.



4294937333



4283432305



4290236671

# Square

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



4283432305



4278255615



4294945279



4294946900

# Rectangle

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



4283432305



4278255615



4294945279



4294937020

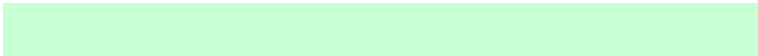


# Sweetspot

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



4283432305



4291428308



4292738383



4284514406



4278190080



4286611584



# Same Dimension

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



4283432305



4281073493



4283432390



4285759605



4278239013



4278206476



# Inverse Universe

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



4294791131



4294912982



4294791046



4286608253



4290707610

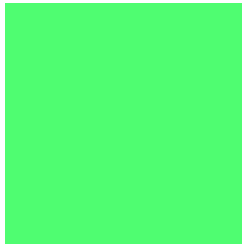


4282384435



# Previews

## White Background



This preview shows how the Android color 4283432305 looks on a white background.

## Color Contrast Check

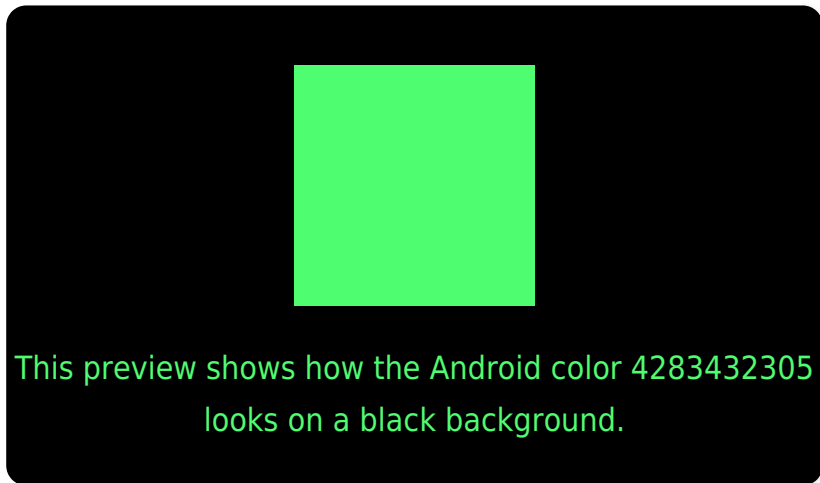
Large Text (above 18pt) WCAG AA × Fail

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 4283432305 Background



This preview shows how black text looks on a background with the Android color 4283432305.

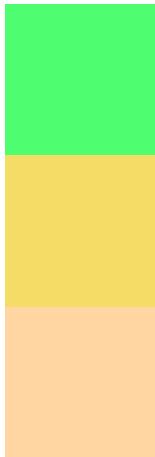


This preview shows how white text looks on a background with the Android color 4283432305.

# 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



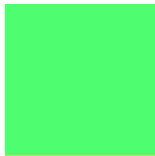
**Original Color**  
4283432305

**Protanopia**  
4294237286

**Deuteranopia**  
4294956449

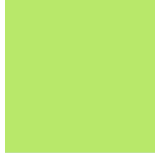


# Trichromacy



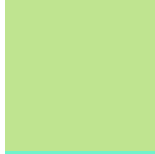
**Original Color**

4283432305



**Protanomaly**

4290308202



**Deuteranomaly**

4290765968



**Tritanomaly**

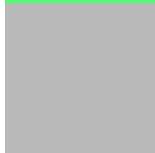
4285592523

# Monochromacy



**Original Color**

4283432305



**Achromatopsia**

4290361785



**Achromatomaly**

4287812255

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283432305 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(79, 253, 113)` looks like.

```
.text, #text, p{  
    color:rgb(79, 253, 113)  
}
```

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(79, 253, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 253, 113) }
```

## Border

The CSS property to change the border of an element to Android 4283432305 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(79, 253, 113) }
```

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

```
.border{ border-color:rgb(79, 253, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 253, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 253, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 253, 113);  
box-shadow:4px 4px 4px 4px rgb(79, 253,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4283432305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 253, 113) }
```

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

```
.background{ background-color: rgb(79, 253,  
113) }
```

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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