

# Converting Colors

Android(4284470623)

Have a look what the booklet for  
Android(4284470623) contains.

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# **Color**

**Android(4284470623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FD55F
RGB	95, 213, 95
RGB Percent	37%, 84%, 37%
CMY	0.6275, 0.1647, 0.6275
CMYK	0.55, 0.00, 0.55, 0.16
HSL	120°, 58%, 60%
HSV	120°, 55%, 84%
XYZ	30.5791, 50.8476, 19.0294
YIQ	164.2660, -32.4500, -61.7140

# Conversions

## Conversions Part 2

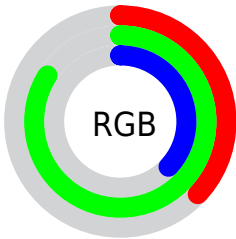
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 213, 213
Decimal	6280543
CIELab	76.59, -56.47, 47.81
CIELCh	77, 73.993, 139.746
Yxy	50.8476, 0.3044, 0.5062
Android (android.graphics.Color)	4284470623 (0xFF5FD55F)
YUV	164.2660, -34.1481, -60.7463
Hunter-Lab	71.3075, -48.2412, 34.0929

# Details

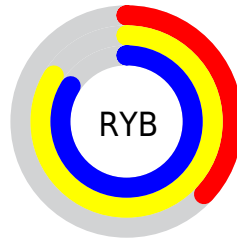
The Android color `4284470623` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted green. A complement of this color would be `4292173781`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288348052`, and `4279606571` is the 20% darker color. If you saturate the color by 10%, you get `4283094346`, and if you desaturate by 10%, it is `4285846900`.

# Distribution



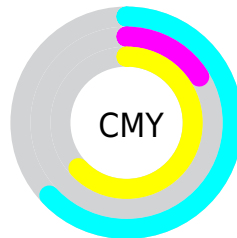
- Red (37%)
- Green (84%)
- Blue (37%)



- Red (37%)
- Yellow (84%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (55%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284470623 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 4284470623 by changing the saturation by 10% instead.



 4284470623

 4284470623

4294967295

 4282366277

 4288348052

 4279606571

 4290314160

 4278223371

 4292280268

 4278216704

 4294246377

 4278210304

 4278204160

 4278198016


 4278190080

 4284470623

 4284470623

 4283094346

 4285846900

 4281652532

 4287288714

 4280276255

 4288664991

 4278899978

 4290041268

 4278244608

 4291483082

 4292859359

 4294235636

 4294956543

# Harmonies

## Analogous

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



4290037546



4284470623



4278246562

# Triad

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



4284470623



4278242559



4294934163

# Complementary

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



4284470623



4292173781

# 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.



4294934232



4284470623



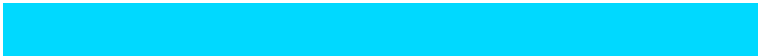
4287673855

# Square

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



4284470623



4278245887



4294481919



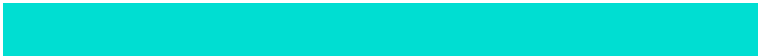
4294939990

# Rectangle

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



4284470623



4278247122



4294481919



4294933417

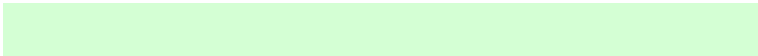


# Sweetspot

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



4284470623



4292149204



4292203871



4284907622



4278190080



4286611584



# Same Dimension

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



4284470623



4283957079



4284470682



4284509024



4278233856



4278201088



# Inverse Universe

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



4292173781



4294924287



4292173722



4285227115



4289396907

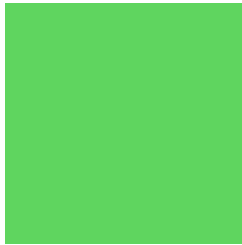


4281008171



# Previews

## White Background



This preview shows how the Android color 4284470623 looks on a white background.

## Color Contrast Check

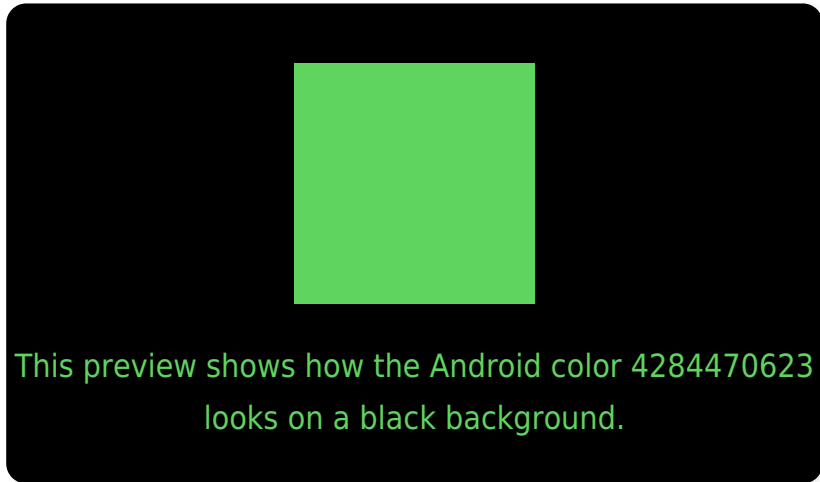
Large Text (above 18pt) WCAG AA × Fail

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 4284470623 Background



This preview shows how black text looks on a background with the Android color 4284470623.



This preview shows how white text looks on a background with the Android color 4284470623.

# 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**

4284470623



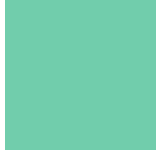
**Protanomaly**

4289185114



**Deuteranomaly**

4290035557



**Tritanomaly**

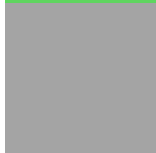
4285648300

# Monochromacy



**Original Color**

4284470623



**Achromatopsia**

4288980132



**Achromatomaly**

4287346315

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284470623 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(95, 213, 95)` looks like.

```
.text, #text, p{  
    color:rgb(95, 213, 95)  
}
```

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(95, 213, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 213, 95) }
```

## Border

The CSS property to change the border of an element to Android 4284470623 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(95, 213, 95) }
```

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

```
.border{ border-color:rgb(95, 213, 95) }
```

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

Here you see how a box with a 4 pixel rgb(95, 213, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 213, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 213, 95);  
box-shadow:4px 4px 4px 4px rgb(95, 213,  
95) }
```

# Background

The CSS property to change the background color of an element to Android 4284470623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 213, 95) }
```

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

```
.background{ background-color: rgb(95, 213,  
95) }
```

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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