

# Converting Colors

Android(4283811613)

Have a look what the booklet for  
Android(4283811613) contains.

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# **Color**

**Android(4283811613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C71D
RGB	85, 199, 29
RGB Percent	33%, 78%, 11%
CMY	0.6667, 0.2196, 0.8863
CMYK	0.57, 0.00, 0.85, 0.22
HSL	100°, 75%, 45%
HSV	100°, 85%, 78%
XYZ	24.3915, 42.8669, 8.1510
YIQ	145.5340, -13.3740, -77.0380

# Conversions

## Conversions Part 2

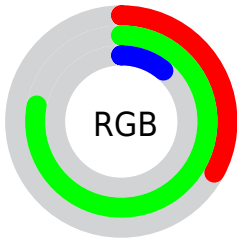
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 199, 143
Decimal	5621533
CIE <sub>Lab</sub>	71.46, -59.26, 66.51
CIE <sub>LCh</sub>	71, 89.083, 131.702
Yxy	42.8669, 0.3235, 0.5685
Android (android.graphics.Color)	4283811613 (0xFF55C71D)
YUV	145.5340, -57.4513, -53.0883
Hunter-Lab	65.4728, -48.0782, 38.4497

# Details

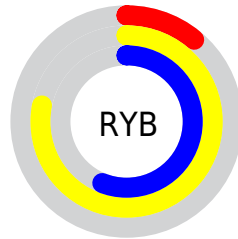
The Android color `4283811613` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark washed green. A complement of this color would be `4287569351`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4287823708`, and `4278226944` is the 20% darker color. If you saturate the color by 10%, you get `4282959625`, and if you desaturate by 10%, it is `4284663601`.

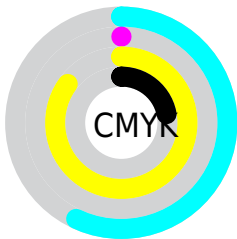
# Distribution



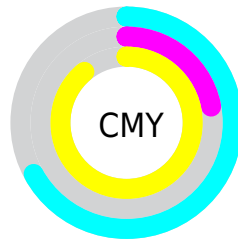
- Red (33%)
- Green (78%)
- Blue (11%)



- Red (11%)
- Yellow (78%)
- Blue (56%)



- Cyan (57%)
- Magenta (0%)
- Yellow (85%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283811613 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 4283811613 by changing the saturation by 10% instead.





4283811613



4283811613

4294967295



4281510656



4287823708



4278226944



4289789816



4278220032



4291755924



4278213632



4293722033



4278207232



4294967246



4278201344



4294967275



4278192640



4278190080



4283811613



4283811613

■ 4282959625

■ 4284663601

■ 4282566400

■ 4285581125

■ 4286433113

■ 4287285101

■ 4288202625

■ 4289054612

■ 4289906600

■ 4290824124

■ 4291676112

# Harmonies

## Analogous

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



4290098432



4283811613



4278243449

# Triad

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



4283811613



4278241023



4294922387

# Complementary

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



4283811613



4287569351

# 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.



4294926052



4283811613



4278235135

# Square

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



4283811613



4278243839



4292446719



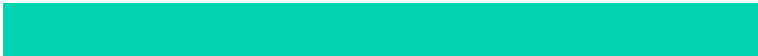
4294930757

# Rectangle

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



4283811613



4278244274



4292446719



4294921902

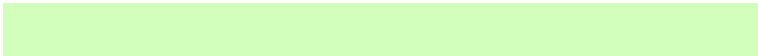


# Sweetspot

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



4283811613



4292083645



4291268125



4284842072



4278190080



4286611584



# Same Dimension

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



4283811613



4283760384



4280141625



4284310362



4281770752



4278985728



# Inverse Universe

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



4287569351



4289396991



4291239339



4284504675



4285333667

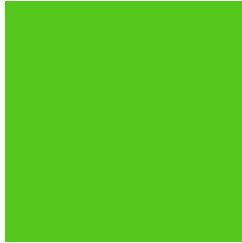


4279762980



# Previews

## White Background



This preview shows how the Android color 4283811613 looks on a white background.

## Color Contrast Check

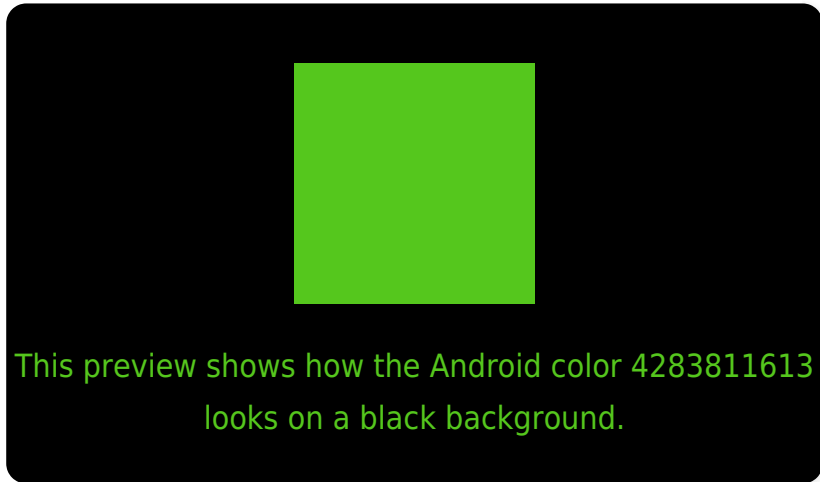
Large Text (above 18pt) WCAG AA × Fail

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 4283811613 Background



This preview shows how black text looks on a background with the Android color 4283811613.



This preview shows how white text looks on a background with the Android color 4283811613.

# 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**  
4283811613

**Protanopia**  
4291079701

**Deuteranopia**  
4292519217



# Trichromacy



**Original Color**  
4283811613



**Protanomaly**  
4288460568



**Deuteranomaly**  
4289376554



**Tritanomaly**  
4285054602

# Monochromacy



**Original Color**  
4283811613



**Achromatopsia**  
4287795858



**Achromatomaly**  
4286358887

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283811613 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(85, 199, 29)` looks like.

```
.text, #text, p{  
    color:rgb(85, 199, 29)  
}
```

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(85, 199, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 199, 29) }
```

## Border

The CSS property to change the border of an element to Android 4283811613 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(85, 199, 29) }
```

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

```
.border{ border-color:rgb(85, 199, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 199, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 199, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 199, 29);  
box-shadow:4px 4px 4px 4px rgb(85, 199,  
29) }
```

# Background

The CSS property to change the background color of an element to Android 4283811613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 199, 29) }
```

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

```
.background{ background-color: rgb(85, 199,  
29) }
```

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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