

# Converting Colors

Android(4283021113)

Have a look what the booklet for  
Android(4283021113) contains.

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# **Color**

**Android(4283021113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49B739
RGB	73, 183, 57
RGB Percent	29%, 72%, 22%
CMY	0.7137, 0.2824, 0.7765
CMYK	0.60, 0.00, 0.69, 0.28
HSL	112°, 52%, 47%
HSV	112°, 69%, 72%
XYZ	20.4197, 35.5788, 9.6621
YIQ	135.7460, -25.1140, -62.5060

# Conversions

## Conversions Part 2

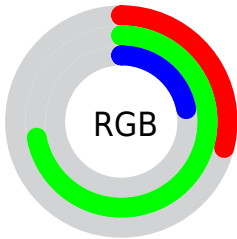
Format	Color
<a href="#">RYB</a>	<a href="#">57, 183, 167</a>
Decimal	<a href="#">4831033</a>
CIELab	<a href="#">66.20, -54.84, 52.51</a>
CIELCh	<a href="#">66, 75.924, 136.240</a>
Yxy	<a href="#">35.5788, 0.3110, 0.5419</a>
Android (android.graphics.Color)	<a href="#">4283021113 (0xFF49B739)</a>
YUV	<a href="#">135.7460, -38.8218, -55.0282</a>
Hunter-Lab	<a href="#">59.6480, -43.2770, 32.1495</a>

# Details

The Android color `4283021113` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4289149367`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4286967918`, and `4278223104` is the 20% darker color. If you saturate the color by 10%, you get `4281972519`, and if you desaturate by 10%, it is `4284069707`.

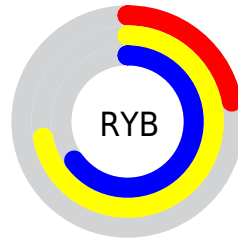
# Distribution



Red (29%)

Green (72%)

Blue (22%)



Red (22%)

Yellow (72%)

Blue (65%)

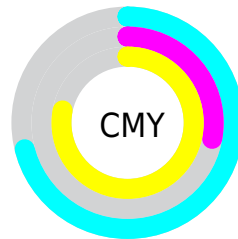


Cyan (60%)

Magenta (0%)

Yellow (69%)

Black (28%)



Cyan (71%)

Magenta (28%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283021113 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 4283021113 by changing the saturation by 10% instead.





4283021113



4283021113

4294967295



4280720412



4286967918



4278223104



4288872329



4278216448



4290772901



4278209792



4292739009



4278203904



4294705117



4278197760



4294967291



4278190080



4283021113



4283021113



4281972519



4284069707

■ 4280923924

■ 4285118302

■ 4279875330

■ 4286166896

■ 4279744256

■ 4287215490

■ 4288264085

■ 4289312679

■ 4290361273

■ 4291409867

■ 4292458462

# Harmonies

## Analogous

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



4288588032



4283021113



4278238846

# Triad

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



4283021113



4278235903



4294924927

# Complementary

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



4283021113



4289149367

# 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.



4294926019



4283021113



4283669759

# Square

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



4283021113



4278238719



4291984895



4294931519

# Rectangle

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



4283021113



4278239406



4291984895



4294924182

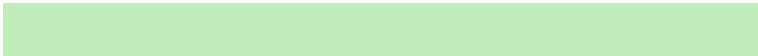


# Sweetspot

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



4283021113



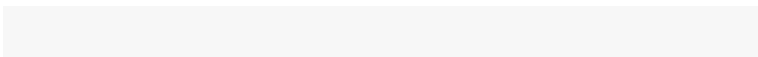
4290964923



4290225721



4284381274



4294440951



4286085240



# Same Dimension

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



4283021113



4282510632



4281972583



4283718739



4279540736



4278459392



# Inverse Universe

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



4289149367



4292094189



4290197897



4284175196



4287103132



4279762972



# Previews

## White Background



This preview shows how the Android color 4283021113 looks on a white background.

## Color Contrast Check

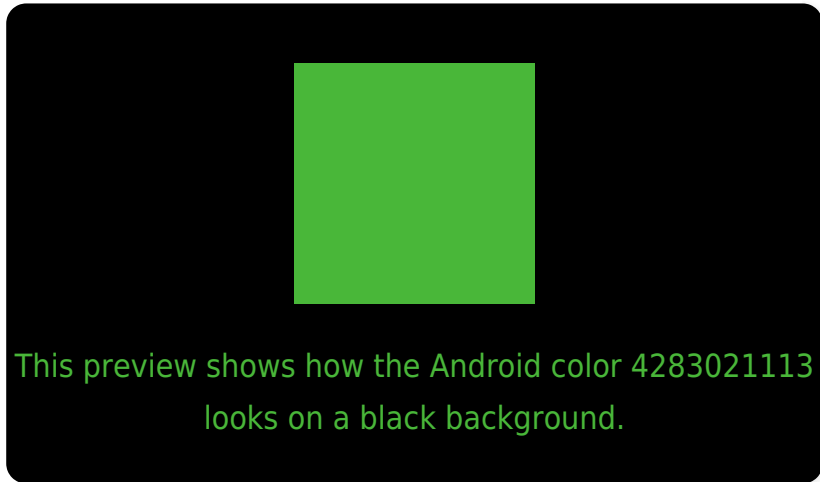
Large Text (above 18pt) WCAG AA × Fail

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 4283021113 Background



This preview shows how black text looks on a background with the Android color 4283021113.



This preview shows how white text looks on a background with the Android color 4283021113.

# 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**  
4283021113

**Protanopia**  
4289962035

**Deuteranopia**  
4291205188



# Trichromacy



**Original Color**

4283021113



**Protanomaly**

4287408181



**Deuteranomaly**

4288258880



**Tritanomaly**

4284198794

# Monochromacy



**Original Color**

4283021113



**Achromatopsia**

4287137928



**Achromatomaly**

4285634923

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283021113 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(73, 183, 57)` looks like.

```
.text, #text, p{  
    color:rgb(73, 183, 57)  
}
```

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(73, 183, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 183, 57) }
```

## Border

The CSS property to change the border of an element to Android 4283021113 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(73, 183, 57) }
```

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

```
.border{ border-color:rgb(73, 183, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 183, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 183, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 183, 57);  
box-shadow:4px 4px 4px 4px rgb(73, 183,  
57) }
```

# Background

The CSS property to change the background color of an element to Android 4283021113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 183, 57) }
```

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

```
.background{ background-color: rgb(73, 183,  
57) }
```

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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