

# Converting Colors

Android(4283342354)

Have a look what the booklet for  
Android(4283342354) contains.

<b>Android(4283342354)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4283342354)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E9E12
RGB	78, 158, 18
RGB Percent	31%, 62%, 7%
CMY	0.6941, 0.3804, 0.9294
CMYK	0.51, 0.00, 0.89, 0.38
HSL	94°, 80%, 35%
HSV	94°, 89%, 62%
XYZ	15.4779, 26.1171, 4.7976
YIQ	118.1200, -2.7400, -60.5000

# Conversions

## Conversions Part 2

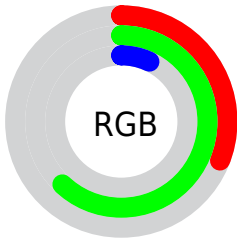
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 158, 98
Decimal	5152274
CIELab	58.15, -46.56, 57.20
CIELCh	58, 73.757, 129.146
Yxy	26.1171, 0.3336, 0.5630
Android (android.graphics.Color)	4283342354 (0xFF4E9E12)
YUV	118.1200, -49.3592, -35.1852
Hunter-Lab	51.1049, -35.3720, 30.2074

# Details

The Android color `4283342354` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4284617374`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4287092047`, and `4278479360` is the 20% darker color. If you saturate the color by 10%, you get `4282752514`, and if you desaturate by 10%, it is `4283932194`.

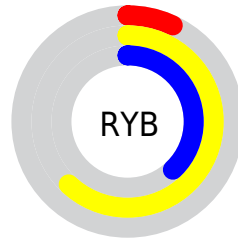
# Distribution



Red (31%)

Green (62%)

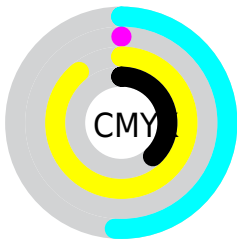
Blue (7%)



Red (7%)

Yellow (62%)

Blue (38%)

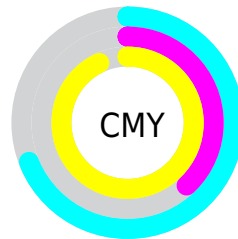


Cyan (51%)

Magenta (0%)

Yellow (89%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283342354 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 4283342354 by changing the saturation by 10% instead.





4283342354



4283342354

4294967295



4281369344



4287092047



4278479360



4288934506



4278210816



4290838405



4278204672



4292804513



4278199040



4294705085



4278190080



4294967257



4294967287



4283342354



4283342354

■ 4282752514

■ 4283932194

■ 4282686976

■ 4284522034

■ 4285111873

■ 4285701713

■ 4286291553

■ 4286881393

■ 4287471233

■ 4288061072

■ 4288650912

# Harmonies

## Analogous

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



4288057088



4283342354



4278232667

# Triad

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



4283342354



4278231039



4294787451

# Complementary

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



4283342354



4284617374

# 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.



4293349307



4283342354



4278226431

# Square

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



4283342354



4278233052



4289032689



4294007101

# Rectangle

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



4283342354



4278233224



4289032689



4294590864



# Sweetspot

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



4283342354



4289712023



4288569618



4283787591



4293454056



4285098345



# Same Dimension

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



4283342354



4284075776



4279410203



4283125575



4282224384



4278652672



# Inverse Universe

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



4284617374



4285923535



4288549525



4283189071



4283564175



4278779919



# Previews

## White Background



This preview shows how the Android color 4283342354 looks on a white background.

## Color Contrast Check

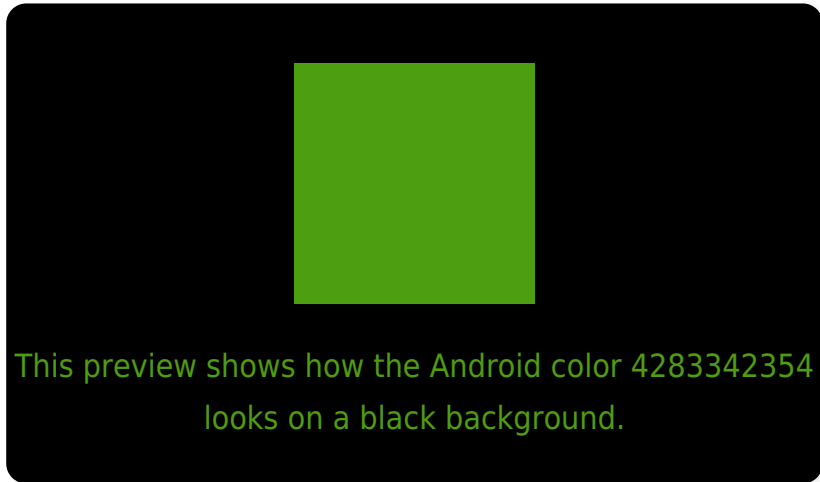
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283342354 Background



This preview shows how black text looks on a background with the Android color 4283342354.



This preview shows how white text looks on a background with the Android color 4283342354.

# 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**  
4283342354

**Protanopia**  
4288514826

**Deuteranopia**  
4289692708



# Trichromacy



**Original Color**  
4283342354

**Protanomaly**  
4286616077

**Deuteranomaly**  
4287401245

**Tritanomaly**  
4284192620

# Monochromacy



**Original Color**  
4283342354

**Achromatopsia**  
4285953654

**Achromatomaly**  
4284974418

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283342354 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(78, 158, 18)` looks like.

```
.text, #text, p{  
    color:rgb(78, 158, 18)  
}
```

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(78, 158, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 158, 18) }
```

## Border

The CSS property to change the border of an element to Android 4283342354 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(78, 158, 18) }
```

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

```
.border{ border-color:rgb(78, 158, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 158, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 158, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 158, 18);  
box-shadow:4px 4px 4px 4px rgb(78, 158,  
18) }
```

# Background

The CSS property to change the background color of an element to Android 4283342354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 158, 18) }
```

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

```
.background{ background-color: rgb(78, 158,  
18) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor