

# Converting Colors

Android(4288665132)

Have a look what the booklet for  
Android(4288665132) contains.

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# **Color**

**Android(4288665132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FD62C
RGB	159, 214, 44
RGB Percent	62%, 84%, 17%
CMY	0.3765, 0.1608, 0.8275
CMYK	0.26, 0.00, 0.79, 0.16
HSL	79°, 67%, 51%
HSV	79°, 79%, 84%
XYZ	38.7993, 55.6459, 11.0787
YIQ	178.1750, 21.7900, -64.5300

# Conversions

## Conversions Part 2

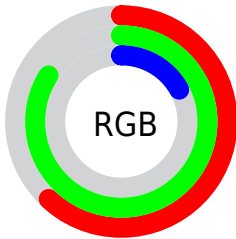
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 214, 99
Decimal	10475052
CIELab	79.41, -40.35, 71.13
CIELCh	79, 81.781, 119.564
Yxy	55.6459, 0.3677, 0.5273
Android (android.graphics.Color)	4288665132 (0xFF9FD62C)
YUV	178.1750, -66.1483, -16.8165
Hunter-Lab	74.5962, -37.7012, 43.4119

# Details

The Android color `4288665132` is a dark color, and the websafe version is hex `99CC00`. The color can be described as middle washed chartreuse. A complement of this color would be `4284689622`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4292542313`, and `4284915456` is the 20% darker color. If you saturate the color by 10%, you get `4288206359`, and if you desaturate by 10%, it is `4289123905`.

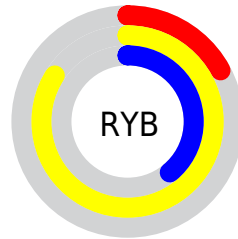
# Distribution



Red (62%)

Green (84%)

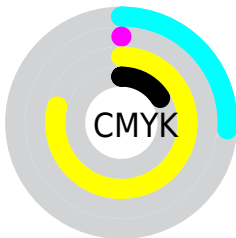
Blue (17%)



Red (17%)

Yellow (84%)

Blue (39%)

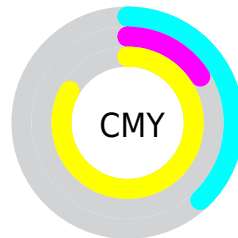


Cyan (26%)

Magenta (0%)

Yellow (79%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288665132 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 4288665132 by changing the saturation by 10% instead.





4288665132



4288665132

4294967295



4286757376



4292542313



4284915456



4294442885



4283008256



4294967202



4281101056



4294967230



4278276608



4294967259



4278204928



4294967289



4278199808



4278190080



4288665132



4288665132

■ 4288206359

■ 4289123905

■ 4287747585

■ 4289582679

■ 4287747584

■ 4290041452

■ 4290500226

■ 4290958999

■ 4291417772

■ 4291811010

■ 4292269783

■ 4292728557

# Harmonies

## Analogous

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



4293640448



4288665132



4278248051

# Triad

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



4288665132



4278247679



4294932681

# Complementary

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



4288665132



4284689622

# 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.



4294938367



4288665132



4278243071

# Square

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



4288665132



4278249471



4290818559



4294935422

# Rectangle

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



4288665132



4278249383



4290818559



4294933731

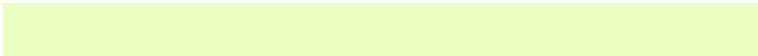


# Sweetspot

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



4288665132



4293656514



4292239916



4285825115



4278190080



4286611584



# Same Dimension

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



4288665132



4289855245



4283160108



4285033312



4285836032



4280101632



# Inverse Universe

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



4284689622



4284157439



4290194646



4284768363



4281794731



4279107627



# Previews

## White Background



This preview shows how the Android color 4288665132 looks on a white background.

## Color Contrast Check

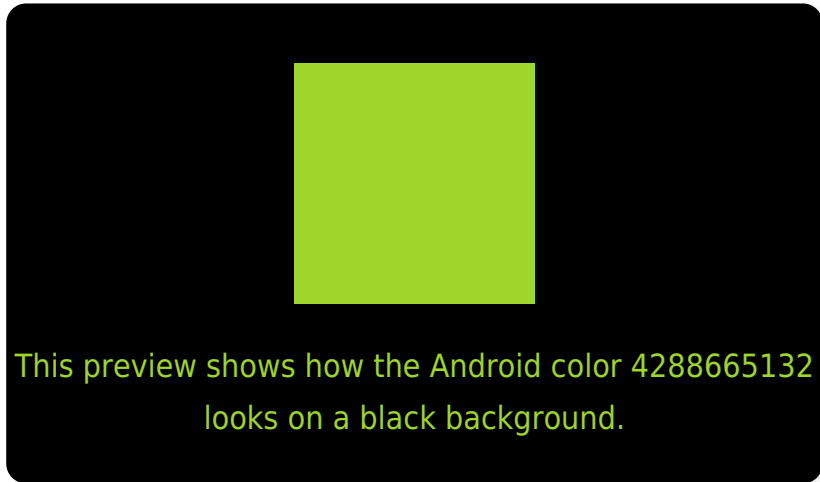
Large Text (above 18pt) WCAG AA × Fail

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 4288665132 Background



This preview shows how black text looks on a background with the Android color 4288665132.



This preview shows how white text looks on a background with the Android color 4288665132.

# 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**  
4288665132

**Protanopia**  
4292723751

**Deuteranopia**  
4294359610



# Trichromacy



**Original Color**  
4288665132

**Protanomaly**  
4291218217

**Deuteranomaly**  
4292265013

**Tritanomaly**  
4289449113

# Monochromacy



**Original Color**  
4288665132

**Achromatopsia**  
4289901234

**Achromatomaly**  
4289445761

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288665132 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(159, 214, 44)` looks like.

```
.text, #text, p{  
    color:rgb(159, 214, 44)  
}
```

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(159, 214, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 214, 44) }
```

## Border

The CSS property to change the border of an element to Android 4288665132 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(159, 214, 44) }
```

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

```
.border{ border-color:rgb(159, 214, 44) }
```

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

Here you see how a box with a 4 pixel rgb(159, 214, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 214, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 214, 44);  
box-shadow:4px 4px 4px 4px rgb(159, 214,  
44) }
```

# Background

The CSS property to change the background color of an element to Android 4288665132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 214, 44) }
```

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

```
.background{ background-color: rgb(159,  
214, 44) }
```

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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