

# Converting Colors

Android(4278965852)

Have a look what the booklet for  
Android(4278965852) contains.

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# **Color**

**Android(4278965852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BD65C
RGB	11, 214, 92
RGB Percent	4%, 84%, 36%
CMY	0.9569, 0.1608, 0.6392
CMYK	0.95, 0.00, 0.57, 0.16
HSL	144°, 90%, 44%
HSV	144°, 95%, 84%
XYZ	26.1163, 48.9370, 18.1945
YIQ	139.3950, -81.8260, -80.9780

# Conversions

## Conversions Part 2

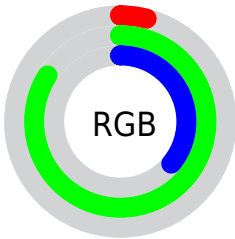
Format	Color
R <sub>YB</sub>	11, 156, 214
Decimal	775772
CIE Lab	75.41, -68.96, 47.45
CIE LCh	75, 83.706, 145.470
Yxy	48.9370, 0.2801, 0.5248
Android (android.graphics.Color)	4278965852 (0xFF0BD65C)
YUV	139.3950, -23.3657, -112.6024
Hunter-Lab	69.9550, -55.7817, 33.5478

# Details

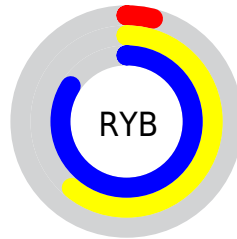
The Android color `4278965852` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed green. A complement of this color would be `4292217733`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4285267857`, and `4278230567` is the 20% darker color. If you saturate the color by 10%, you get `4278244949`, and if you desaturate by 10%, it is `4280342121`.

# Distribution



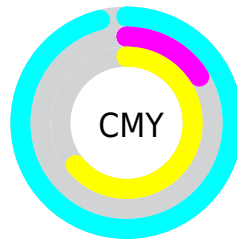
- Red (4%)
- Green (84%)
- Blue (36%)



- Red (4%)
- Yellow (61%)
- Blue (84%)



- Cyan (95%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (96%)
- Magenta (16%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278965852 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 4278965852 by changing the saturation by 10% instead.



 4278965852

 4278965852

4294967295

 4278237506

 4285267857

 4278230567

 4287430573

 4278223365

 4289462217

 4278216704

 4291493861

 4278210048

 4293591039

 4278203904

 4278196992

 4278190080

 4278965852

 4278965852

■ 4278244949

■ 4280342121

■ 4281783926

■ 4283160195

■ 4284601999

■ 4285978268

■ 4287354537

■ 4288796342

■ 4290172611

■ 4291614416

# Harmonies

## Analogous

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



4288596224



4278965852



4278246571

# Triad

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



4278965852



4278241279



4294930812

# Complementary

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



4278965852



4292217733

# 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.



4294928841



4278965852



4288654079

# Square

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



4278965852



4278245375



4294936063



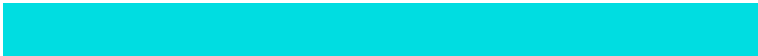
4294939190

# Rectangle

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



4278965852



4278246881



4294936063



4294929045

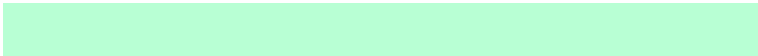


# Sweetspot

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



4278965852



4290314196



4287157771



4283727973



4278190080



4286611584



# Same Dimension

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



4278965852



4278255462



4278965950



4284509029



4278233924



4278201105



# Inverse Universe

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



4292217733



4294901913



4292217635



4285227111



4289396839



4281008154



# Previews

## White Background



This preview shows how the Android color 4278965852 looks on a white background.

## Color Contrast Check

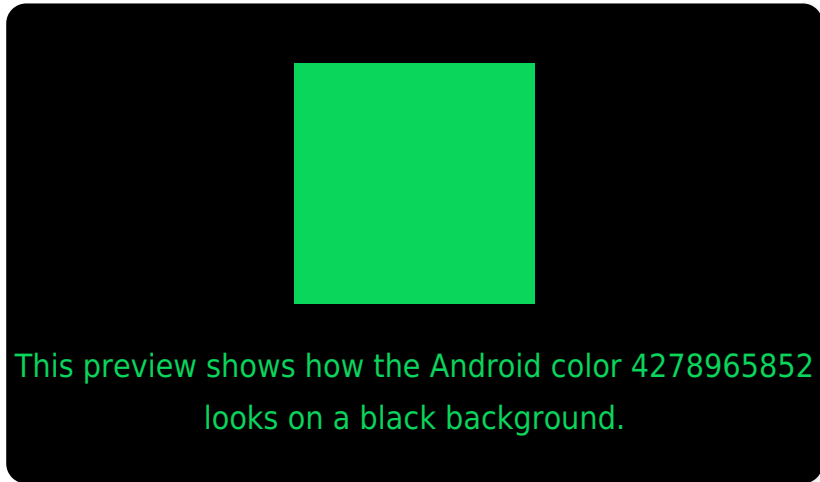
Large Text (above 18pt) WCAG AA × Fail

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 4278965852 Background



This preview shows how black text looks on a background with the Android color 4278965852.



This preview shows how white text looks on a background with the Android color 4278965852.

# 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](#).

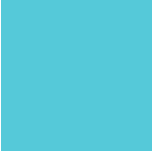
## Dichromacy



**Original Color**  
4278965852

**Protanopia**  
4291606611

**Deuteranopia**  
4292980839



**Tritanopia**  
4283812313

# Trichromacy



**Original Color**

4278965852



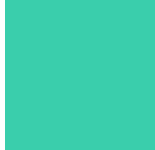
**Protanomaly**

4287021910



**Deuteranomaly**

4287872611



**Tritanomaly**

4282044076

# Monochromacy



**Original Color**

4278965852



**Achromatopsia**

4287335307



**Achromatomaly**

4284262010

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278965852 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(11, 214, 92)` looks like.

```
.text, #text, p{  
    color:rgb(11, 214, 92)  
}
```

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(11, 214, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 214, 92) }
```

## Border

The CSS property to change the border of an element to Android 4278965852 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(11, 214, 92) }
```

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

```
.border{ border-color:rgb(11, 214, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 214, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 214, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 214, 92);  
box-shadow:4px 4px 4px 4px rgb(11, 214,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4278965852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 214, 92) }
```

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

```
.background{ background-color: rgb(11, 214,  
92) }
```

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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