

# Converting Colors

Android(4278374756)

Have a look what the booklet for  
Android(4278374756) contains.

<b>Android(4278374756)</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(4278374756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02D164
RGB	2, 209, 100
RGB Percent	1%, 82%, 39%
CMY	0.9922, 0.1804, 0.6078
CMYK	0.99, 0.00, 0.52, 0.18
HSL	148°, 98%, 41%
HSV	148°, 99%, 82%
XYZ	25.1257, 46.5339, 19.7143
YIQ	134.6810, -88.3830, -77.7830

# Conversions

## Conversions Part 2

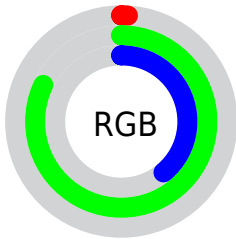
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 142, 209
Decimal	184676
CIE <sub>Lab</sub>	73.89, -66.56, 41.84
CIE <sub>LCh</sub>	74, 78.621, 147.849
Yxy	46.5339, 0.2750, 0.5093
Android (android.graphics.Color)	4278374756 (0xFF02D164)
YUV	134.6810, -17.0977, -116.3612
Hunter-Lab	68.2158, -53.6312, 30.6163

# Details

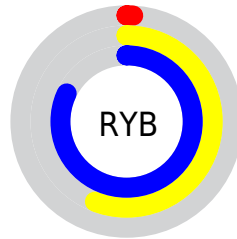
The Android color `4278374756` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4291887727`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285071257`, and `4278229297` is the 20% darker color. If you saturate the color by 10%, you get `4278243683`, and if you desaturate by 10%, it is `4279751023`.

# Distribution



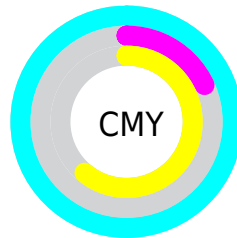
- Red (1%)
- Green (82%)
- Blue (39%)



- Red (1%)
- Yellow (56%)
- Blue (82%)



- Cyan (99%)
- Magenta (0%)
- Yellow (52%)
- Black (18%)



- Cyan (99%)
- Magenta (18%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278374756 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 4278374756 by changing the saturation by 10% instead.



 4278374756

 4278374756

4294967295

 4278236490

 4285071257

 4278229297

 4287168436

 4278222358

 4289265616

 4278215424

 4291297261

 4278209024

 4293328895

 4278202880

 4278195712

 4278190080

 4278374756

 4278374756

■ 4278243683

■ 4279751023

■ 4281127290

■ 4282503557

■ 4283879824

■ 4285256091

■ 4286566822

■ 4287943089

■ 4289319356

■ 4290695623

# Harmonies

## Analogous

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



4288070942



4278374756



4278245038

# Triad

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



4278374756



4278239487



4294931831

# Complementary

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



4278374756



4291887727

# 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.



4294929598



4278374756



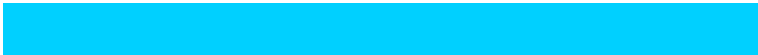
4289308159

# Square

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



4278374756



4278243583



4294935551



4294939447

# Rectangle

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



4278374756



4278245344



4294935551



4294930318

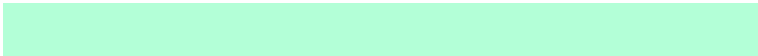


# Sweetspot

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



4278374756



4289986519



4285583618



4283596903



4278190080



4286611584



# Same Dimension

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



4278374756



4278255481



4278374858



4284377443



4278233168



4278200595



# Inverse Universe

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



4291887727



4294901894



4291887625



4285095524



4289200217



4280877077



# Previews

## White Background



This preview shows how the Android color 4278374756 looks on a white background.

## Color Contrast Check

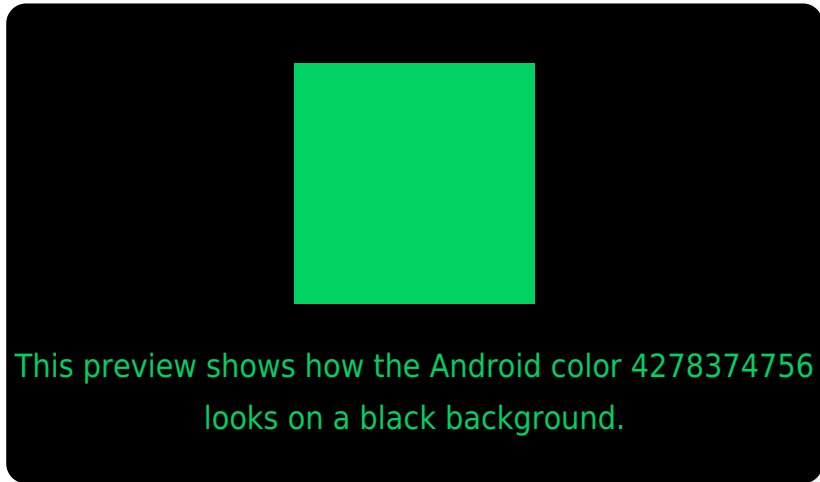
Large Text (above 18pt) WCAG AA × Fail

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 4278374756 Background



This preview shows how black text looks on a background with the Android color 4278374756.



This preview shows how white text looks on a background with the Android color 4278374756.

# 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](#).

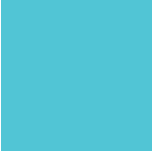
## Dichromacy



**Original Color**  
4278374756

**Protanopia**  
4291277914

**Deuteranopia**  
4292521070



**Tritanopia**  
4283549141

# Trichromacy



**Original Color**

4278374756



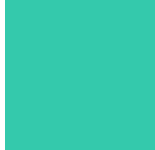
**Protanomaly**

4286562142



**Deuteranomaly**

4287347050



**Tritanomaly**

4281649580

# Monochromacy



**Original Color**

4278374756



**Achromatopsia**

4287072135



**Achromatomaly**

4283933306

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278374756 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(2, 209, 100)` looks like.

```
.text, #text, p{  
    color:rgb(2, 209, 100)  
}
```

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(2, 209, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 209, 100) }
```

## Border

The CSS property to change the border of an element to Android 4278374756 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(2, 209, 100) }
```

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

```
.border{ border-color:rgb(2, 209, 100) }
```

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

Here you see how a box with a 4 pixel rgb(2, 209, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 209, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 209, 100);  
box-shadow:4px 4px 4px 4px rgb(2, 209,  
100) }
```

# Background

The CSS property to change the background color of an element to Android 4278374756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 209, 100) }
```

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

```
.background{ background-color: rgb(2, 209,  
100) }
```

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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