

# Converting Colors

Android(4280395361)

Have a look what the booklet for  
Android(4280395361) contains.

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# Color

**Android(4280395361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	21A661
RGB	33, 166, 97
RGB Percent	13%, 65%, 38%
CMY	0.8706, 0.3490, 0.6196
CMYK	0.80, 0.00, 0.42, 0.35
HSL	149°, 67%, 39%
HSV	149°, 80%, 65%
XYZ	16.4211, 28.4588, 15.9369
YIQ	118.3670, -57.1190, -49.6550

# Conversions

## Conversions Part 2

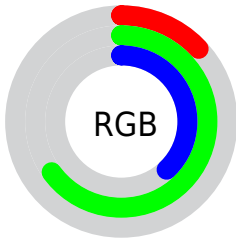
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 123, 166
Decimal	2205281
CIELab	60.30, -50.41, 26.15
CIELCh	60, 56.786, 152.578
Yxy	28.4588, 0.2700, 0.4679
Android (android.graphics.Color)	4280395361 (0xFF21A661)
YUV	118.3670, -10.5339, -74.8669
Hunter-Lab	53.3468, -38.4115, 19.6304

# Details

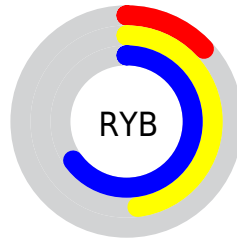
The Android color `4280395361` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289077606`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4284866196`, and `4278219057` is the 20% darker color. If you saturate the color by 10%, you get `4279281240`, and if you desaturate by 10%, it is `4281509482`.

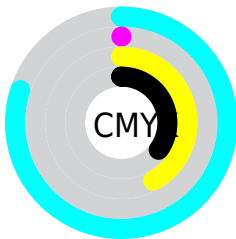
# Distribution



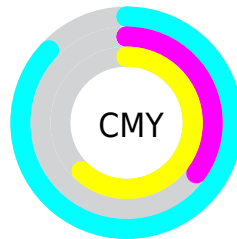
- Red (13%)
- Green (65%)
- Blue (38%)



- Red (13%)
- Yellow (48%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280395361 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 4280395361 by changing the saturation by 10% instead.





4280395361



4280395361

4294967295



4278225737



4284866196



4278219057



4286774191



4278212379



4288741323



4278206211



4290641895



4278200576



4292607999



4278190592



4294574079



4278190080



4280395361



4280395361



4279281240



4281509482

■ 4278232656

■ 4282558066

■ 4283672187

■ 4284720771

■ 4285834892

■ 4286949013

■ 4287997597

■ 4289111718

■ 4290160303

# Harmonies

## Analogous

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



4285898295



4280395361



4278233492

# Triad

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



4280395361



4279473910



4293421918

# Complementary

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



4280395361



4289077606

# 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.



4293616527



4280395361



4288185062

# Square

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



4280395361



4278231786



4291915200



4291853879

# Rectangle

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



4280395361



4278233526



4291915200



4293682798



# Sweetspot

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



4280395361



4289059262



4285048353



4283330141



4293783021



4285427310



# Same Dimension

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



4280395361



4278835565



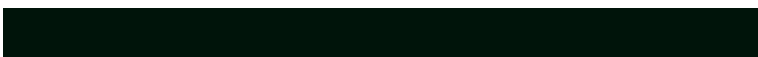
4280395426



4283192400



4278228039



4278195210



# Inverse Universe

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



4289077606



4292413813



4289077541



4283714640



4287889485



4279500811



# Previews

## White Background



This preview shows how the Android color 4280395361 looks on a white background.

## Color Contrast Check

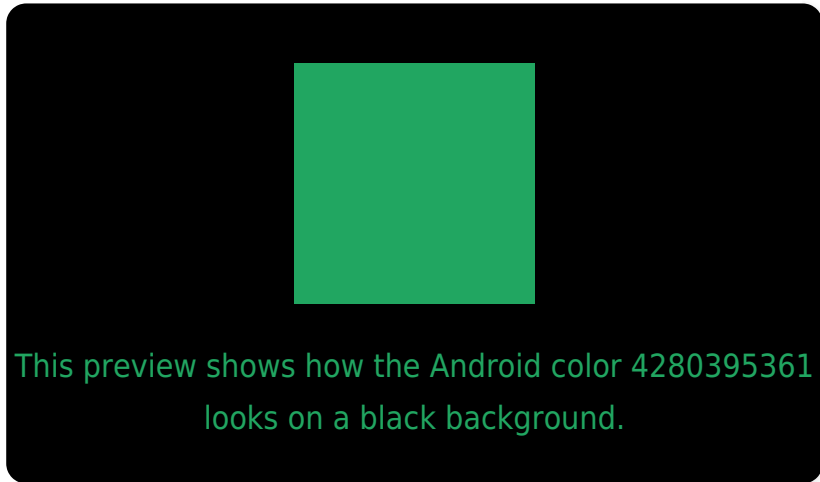
Large Text (above 18pt) WCAG AA ✓ Pass

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

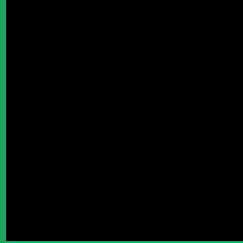
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280395361 Background



This preview shows how black text looks on a background with the Android color 4280395361.



This preview shows how white text looks on a background with the Android color 4280395361.

# 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





# Trichromacy



**Original Color**

4280395361



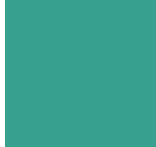
**Protanomaly**

4285634652



**Deuteranomaly**

4286157925



**Tritanomaly**

4281835663

# Monochromacy



**Original Color**

4280395361



**Achromatopsia**

4285953654



**Achromatomaly**

4283926382

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280395361 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(33, 166, 97)` looks like.

```
.text, #text, p{  
    color:rgb(33, 166, 97)  
}
```

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(33, 166, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 166, 97) }
```

## Border

The CSS property to change the border of an element to Android 4280395361 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(33, 166, 97) }
```

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

```
.border{ border-color:rgb(33, 166, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 166, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 166, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 166, 97);  
box-shadow:4px 4px 4px 4px rgb(33, 166,  
97) }
```

# Background

The CSS property to change the background color of an element to Android 4280395361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 166, 97) }
```

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

```
.background{ background-color: rgb(33, 166,  
97) }
```

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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