

Converting Colors

Android(4278366321)

Have a look what the booklet for
Android(4278366321) contains.

Android(4278366321)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278366321)

Conversions

Conversions Part 1

Format	Color
Hex	02B071
RGB	2, 176, 113
RGB Percent	1%, 69%, 44%
CMY	0.9922, 0.3098, 0.5569
CMYK	0.99, 0.00, 0.36, 0.31
HSL	158°, 98%, 35%
HSV	158°, 99%, 69%
XYZ	18.5310, 32.2558, 20.8721
YIQ	116.7920, -83.4810, -56.4810

Conversions

Conversions Part 2

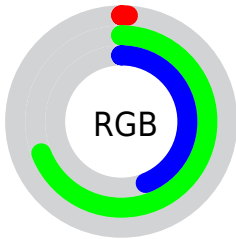
Format	Color
RYB	2, 108, 176
Decimal	176241
CIELab	63.55, -52.98, 21.84
CIELCh	64, 57.303, 157.593
Yxy	32.2558, 0.2586, 0.4501
Android (android.graphics.Color)	4278366321 (0xFF02B071)
YUV	116.7920, -1.8695, -100.6726
Hunter-Lab	56.7942, -41.1483, 17.9666

Details

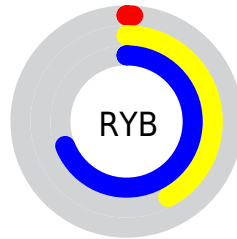
The Android color **4278366321** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **4289724993**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4284410277**, and **4278221376** is the 20% darker color. If you saturate the color by 10%, you get **4278235248**, and if you desaturate by 10%, it is **4279545975**.

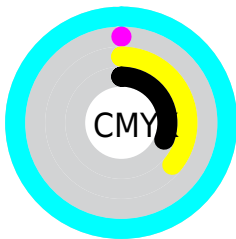
Distribution



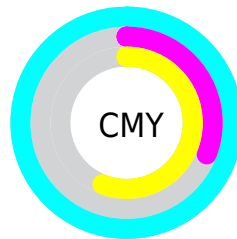
- Red (1%)
- Green (69%)
- Blue (44%)



- Red (1%)
- Yellow (42%)
- Blue (69%)



- Cyan (99%)
- Magenta (0%)
- Yellow (36%)
- Black (31%)



- Cyan (99%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278366321 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 4278366321 by changing the saturation by 10% instead.



4278366321



4278366321

4294967295



4278228312



4284410277



4278221376



4286447552



4278214698



4288413660



4278208276



4290379769



4278202368



4292345855



4278195456



4294311935



4278190080



4278366321



4278366321



4278235248



4279545975

 4280660094

 4281839748

 4282953866

 4284133521

 4285313175

 4286427294

 4287606948

 4288721066

Harmonies

Analogous

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



4285770052



4278366321



4278236070

Triad

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



4278366321



4283145215



4293949022

Complementary

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



4278366321



4289724993

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.



4294405007



4278366321



4289628139

Square

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



4278366321



4278233848



4293030850



4292118841

Rectangle

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



4278366321



4278235848



4293030850



4294275182

Sweetspot

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



4278366321



4288800461



4282560514



4283003748



4294111986



4285756275

Same Dimension

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



4278366321



4278249106



4278360496



4283455830



4278229346



4278196752

Inverse Universe

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



4289724993



4293263443



4289730818



4284043348



4288217143



4279894025

Previews

White Background



This preview shows how the Android color 4278366321 looks on a white background.

Color Contrast Check

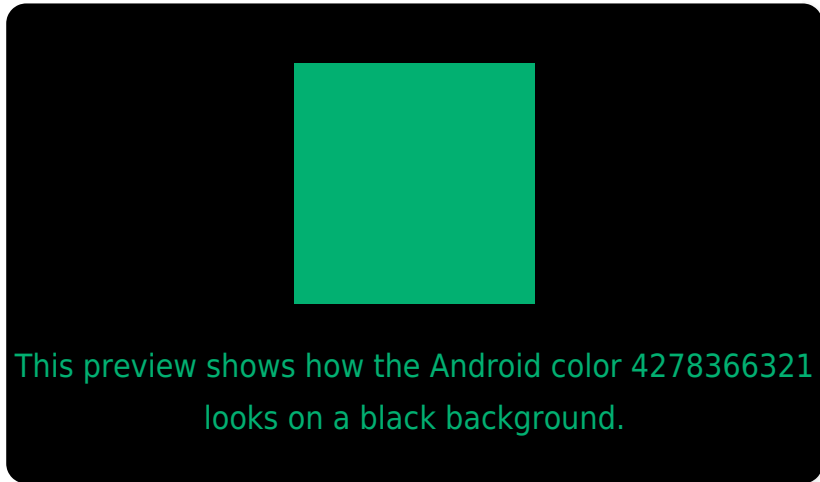
Large Text (above 18pt) WCAG AA × Fail

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 4278366321 Background



This preview shows how black text looks on a background with the Android color 4278366321.



This preview shows how white text looks on a background with the Android color 4278366321.

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

4278366321



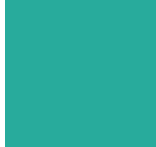
Protanomaly

4285178219



Deuteranomaly

4285767285



Tritanomaly

4280855452

Monochromacy



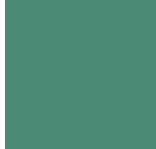
Original Color

4278366321



Achromatopsia

4285887861



Achromatomaly

4283140724

CSS Examples

Text

The CSS property to change the color of the text to Android 4278366321 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, 176, 113)` looks like.

```
.text, #text, p{  
    color:rgb(2, 176, 113)  
}
```

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, 176, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 176, 113) }
```

Border

The CSS property to change the border of an element to Android 4278366321 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, 176, 113) }
```

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

```
.border{ border-color:rgb(2, 176, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 176, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 176, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 176, 113);  
box-shadow:4px 4px 4px 4px rgb(2, 176,  
113) }
```

Background

The CSS property to change the background color of an element to Android 4278366321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 176, 113) }
```

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

```
.background{ background-color: rgb(2, 176,  
113) }
```

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