

Converting Colors

Android(4278368361)

Have a look what the booklet for
Android(4278368361) contains.

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Color

Android(4278368361)

Conversions

Conversions Part 1

Format	Color
Hex	02B869
RGB	2, 184, 105
RGB Percent	1%, 72%, 41%
CMY	0.9922, 0.2784, 0.5882
CMYK	0.99, 0.00, 0.43, 0.28
HSL	154°, 98%, 36%
HSV	154°, 99%, 72%
XYZ	19.7153, 35.3138, 19.1417
YIQ	120.5760, -83.1130, -63.1530

Conversions

Conversions Part 2

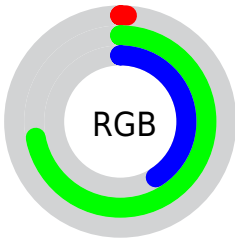
Format	Color
RYB	2, 118, 184
Decimal	178281
CIELab	65.99, -57.44, 29.33
CIELCh	66, 64.491, 152.952
Yxy	35.3138, 0.2658, 0.4761
Android (android.graphics.Color)	4278368361 (0xFF02B869)
YUV	120.5760, -7.6790, -103.9912
Hunter-Lab	59.4254, -44.7743, 22.4997

Details

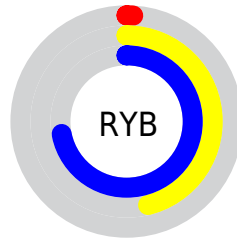
The Android color **4278368361** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290249297**, and the grayscale version is **4286151033**.

A 20% lighter version of the original color is **4284543389**, and **4278223160** is the 20% darker color. If you saturate the color by 10%, you get **4278237288**, and if you desaturate by 10%, it is **4279548017**.

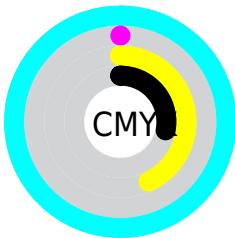
Distribution



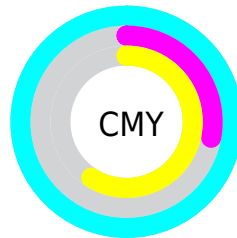
- Red (1%)
- Green (72%)
- Blue (41%)



- Red (1%)
- Yellow (46%)
- Blue (72%)



- Cyan (99%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (99%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278368361 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 4278368361 by changing the saturation by 10% instead.



4278368361



4278368361

4294967295



4278230096



4284543389



4278223160



4286644152



4278216481



4288610260



4278210057



4290576369



4278203904



4292607999



4278197504



4294574079



4278190080



4278368361



4278368361



4278237288



4279548017

 4280793209

 4281972865

 4283218057

 4284397713

 4285577369

 4286822561

 4288002217

 4289247409

Harmonies

Analogous

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



4286492470



4278368361



4278238373

Triad

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



4278368361



4278232575



4294931301

Complementary

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



4278368361



4290249297

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.



4294928797



4278368361



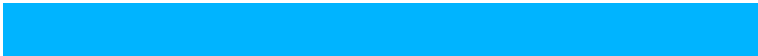
4289302527

Square

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



4278368361



4278236415



4293621462



4293364278

Rectangle

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



4278368361



4278238412



4293621462



4294929783

Sweetspot

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



4278368361



4289261776



4283742210



4283267173



4294440951



4286085240

Same Dimension

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



4278368361



4278251656



4278366136



4283653208



4278230104



4278197264

Inverse Universe

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



4290249297



4293918824



4290251522



4284240727



4288413764



4280025100

Previews

White Background



This preview shows how the Android color 4278368361 looks on a white background.

Color Contrast Check

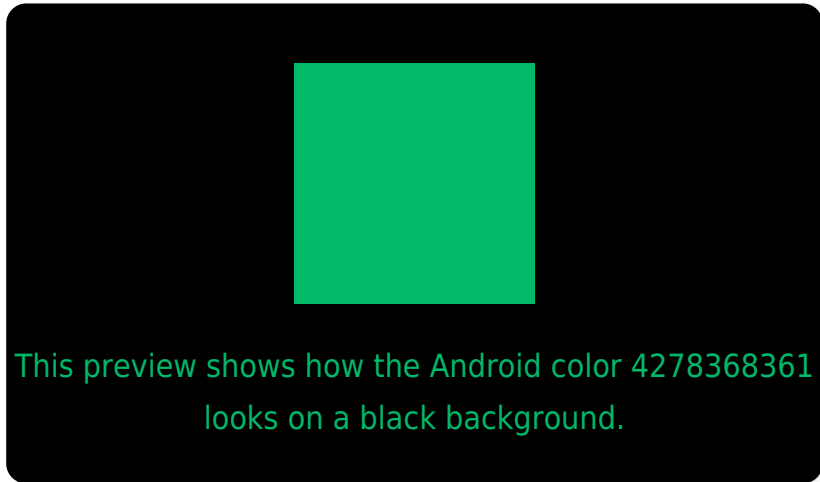
Large Text (above 18pt) WCAG AA × Fail

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

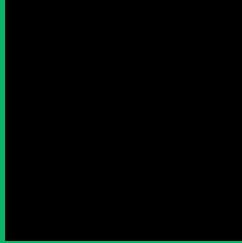
Any Text WCAG AA ✓ Pass

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 4278368361 Background



This preview shows how black text looks on a background with the Android color 4278368361.



This preview shows how white text looks on a background with the Android color 4278368361.

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
4278368361

Protanopia
4289634143

Deuteranopia
4290615409

Trichromacy



Original Color

4278368361



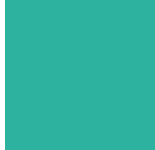
Protanomaly

4285507683



Deuteranomaly

4286162030



Tritanomaly

4281119390

Monochromacy



Original Color

4278368361



Achromatopsia

4286151033



Achromatomaly

4283338867

CSS Examples

Text

The CSS property to change the color of the text to Android 4278368361 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, 184, 105)` looks like.

```
.text, #text, p{  
    color:rgb(2, 184, 105)  
}
```

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, 184, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 184, 105) }
```

Border

The CSS property to change the border of an element to Android 4278368361 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, 184, 105) }
```

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

```
.border{ border-color:rgb(2, 184, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 184, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 184, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 184, 105);  
box-shadow:4px 4px 4px 4px rgb(2, 184,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4278368361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 184, 105) }
```

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

```
.background{ background-color: rgb(2, 184,  
105) }
```

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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