

Converting Colors

Android(4278233661)

Have a look what the booklet for
Android(4278233661) contains.

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Color

Android(4278233661)

Conversions

Conversions Part 1

Format	Color
Hex	00AA3D
RGB	0, 170, 61
RGB Percent	0%, 67%, 24%
CMY	1.0000, 0.3333, 0.7608
CMYK	1.00, 0.00, 0.64, 0.33
HSL	142°, 100%, 33%
HSV	142°, 100%, 67%
XYZ	15.2170, 29.0864, 9.2271
YIQ	106.7440, -66.3310, -69.9390

Conversions

Conversions Part 2

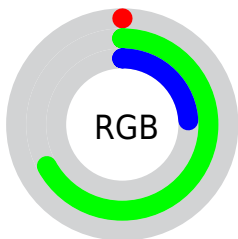
Format	Color
RYB	0, 125, 170
Decimal	43581
CIELab	60.86, -59.79, 44.67
CIELCh	61, 74.628, 143.237
Yxy	29.0864, 0.2843, 0.5434
Android (android.graphics.Color)	4278233661 (0xFF00AA3D)
YUV	106.7440, -22.5518, -93.6145
Hunter-Lab	53.9318, -44.0163, 27.6084

Details

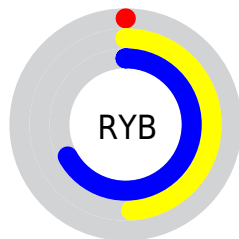
The Android color `4278233661` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289331309`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4284343153`, and `4278219778` is the 20% darker color. If you saturate the color by 10%, you get `4278233661`, and if you desaturate by 10%, it is `4279347784`.

Distribution



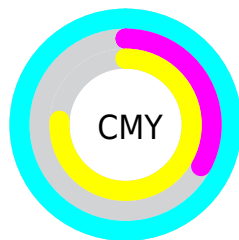
- Red (0%)
- Green (67%)
- Blue (24%)



- Red (0%)
- Yellow (49%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233661 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 4278233661 by changing the saturation by 10% instead.

 4278233661

 4278233661

4294967295

 4278226723

 4284343153

 4278219778

 4286381963

 4278213120

 4288348070

 4278206720

 4290314178

 4278200832

 4292280287

 4278191616


 4294246396

 4278190080

 4278233661

 4279347784

 4280461907

 4281576030

 4282690153

 4283804275

 4284918398

 4286032521

 4287146644

 4288260767

Harmonies

Analogous

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



4286553856



4278233661



4278235009

Triad

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



4278233661



4278231039



4294922339

Complementary

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



4278233661



4289331309

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.



4294921125



4278233661



4285499647

Square

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



4278233661



4278234364



4292044771



4293684773

Rectangle

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



4278233661



4278235567



4292044771



4294920825

Sweetspot

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



4278233661



4288405171



4285442560



4282937430



4293980400



4285558896

Same Dimension

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



4278233661



4278246992



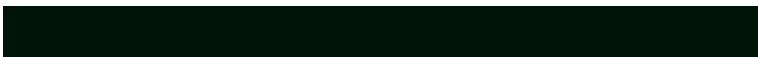
4278233744



4283192399



4278228021



4278195207

Inverse Universe

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



4289331309



4292739214



4289331226



4283714641



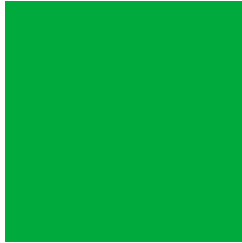
4287889503



4279500813

Previews

White Background



This preview shows how the Android color 4278233661 looks on a white background.

Color Contrast Check

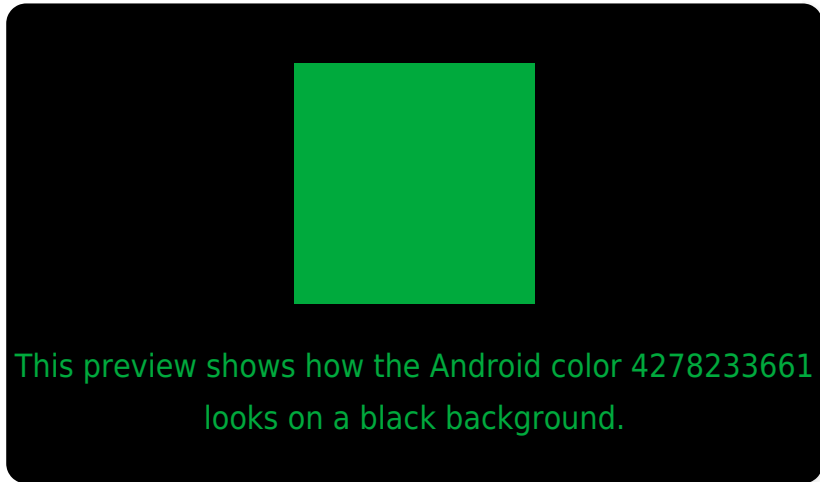
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278233661 Background



This preview shows how black text looks on a background with the Android color 4278233661.



This preview shows how white text looks on a background with the Android color 4278233661.

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
4278233661

Protanopia
4288909878

Deuteranopia
4290022215

Trichromacy



Original Color

4278233661



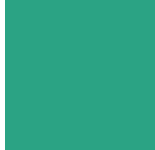
Protanomaly

4285045561



Deuteranomaly

4285765187



Tritanomaly

4281049988

Monochromacy



Original Color

4278233661



Achromatopsia

4285229931



Achromatomaly

4282679898

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233661 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(0, 170, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 61)  
}
```

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(0, 170, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 61) }
```

Border

The CSS property to change the border of an element to Android 4278233661 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(0, 170, 61) }
```

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

```
.border{ border-color:rgb(0, 170, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 170, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 170, 61)  
}
```

Background

The CSS property to change the background color of an element to Android 4278233661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 61) }
```

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

```
.background{ background-color: rgb(0, 170,  
61) }
```

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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