

Converting Colors

Android(4278238042)

Have a look what the booklet for
Android(4278238042) contains.

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Color

Android(4278238042)

Conversions

Conversions Part 1

Format	Color
Hex	00BB5A
RGB	0, 187, 90
RGB Percent	0%, 73%, 35%
CMY	1.0000, 0.2667, 0.6471
CMYK	1.00, 0.00, 0.52, 0.27
HSL	149°, 100%, 37%
HSV	149°, 100%, 73%
XYZ	19.6158, 36.2788, 15.6415
YIQ	120.0290, -80.3150, -69.8110

Conversions

Conversions Part 2

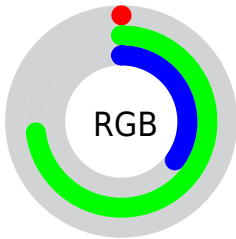
Format	Color
RYB	0, 126, 187
Decimal	47962
CIELab	66.73, -61.13, 37.90
CIELCh	67, 71.921, 148.203
Yxy	36.2788, 0.2742, 0.5071
Android (android.graphics.Color)	4278238042 (0xFF00BB5A)
YUV	120.0290, -14.8043, -105.2654
Hunter-Lab	60.2319, -47.2736, 26.7654

Details

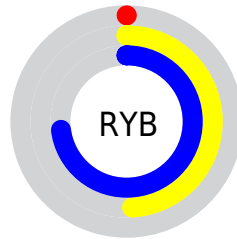
The Android color **4278238042** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290445409**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4284609678**, and **4278223912** is the 20% darker color. If you saturate the color by 10%, you get **4278238042**, and if you desaturate by 10%, it is **4279483236**.

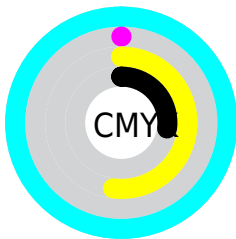
Distribution



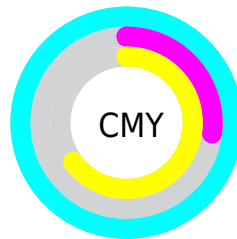
- Red (0%)
- Green (73%)
- Blue (35%)



- Red (0%)
- Yellow (49%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238042 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 4278238042 by changing the saturation by 10% instead.

 4278238042

 4278238042

4294967295

 4278230849

 4284609678

 4278223912

 4286709673

 4278217230

 4288675781

 4278210560

 4290707425

 4278204416

 4292673534

 4278198016


 4294705151

 4278190080

 4278238042

 4279483236

 4280662893

 4281908087

 4283153281

 4284398474

 4285578132

 4286823326

 4288068520

 4289248177

Harmonies

Analogous

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



4286951452



4278238042



4278239388

Triad

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



4278238042



4278234111



4294928745

Complementary

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



4278238042



4290445409

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.



4294926505



4278238042



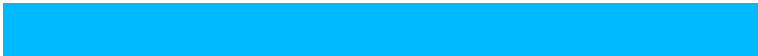
4288254975

Square

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



4278238042



4278237951



4293686760



4294345776

Rectangle

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



4278238042



4278239433



4293686760



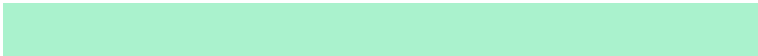
4294927230

Sweetspot

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



4278238042



4289393357



4284791552



4283333220



4294638330



4286216826

Same Dimension

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



4278238042



4278252149



4278238133



4283784793



4278230604



4278198031

Inverse Universe

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



4290445409



4294049918



4290445318



4284372314



4288544850



4280221712

Previews

White Background



This preview shows how the Android color 4278238042 looks on a white background.

Color Contrast Check

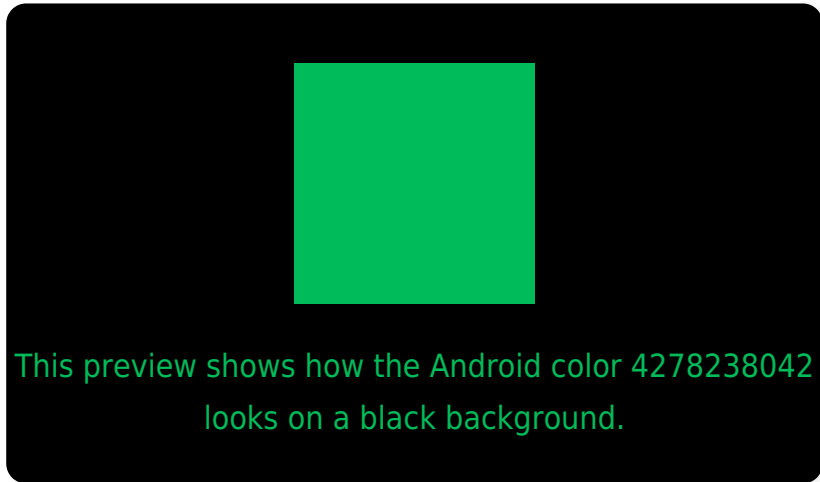
Large Text (above 18pt) WCAG AA × Fail

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 4278238042 Background



This preview shows how black text looks on a background with the Android color 4278238042.



This preview shows how white text looks on a background with the Android color 4278238042.

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
4278238042

Protanopia
4289896785

Deuteranopia
4291009123

Trichromacy



Original Color

4278238042



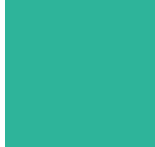
Protanomaly

4285639252



Deuteranomaly

4286359136



Tritanomaly

4281250970

Monochromacy



Original Color

4278238042



Achromatopsia

4286085240



Achromatomaly

4283207789

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238042 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, 187, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 90)  
}
```

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, 187, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 90) }
```

Border

The CSS property to change the border of an element to Android 4278238042 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, 187, 90) }
```

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

```
.border{ border-color:rgb(0, 187, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 187, 90)  
}
```

Background

The CSS property to change the background color of an element to Android 4278238042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 90) }
```

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

```
.background{ background-color: rgb(0, 187,  
90) }
```

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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