

Converting Colors

Android(4278242889)

Have a look what the booklet for
Android(4278242889) contains.

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Color

Android(4278242889)

Conversions

Conversions Part 1

Format	Color
Hex	00CE49
RGB	0, 206, 73
RGB Percent	0%, 81%, 29%
CMY	1.0000, 0.1922, 0.7137
CMYK	1.00, 0.00, 0.65, 0.19
HSL	141°, 100%, 40%
HSV	141°, 100%, 81%
XYZ	23.2739, 44.6237, 13.6899
YIQ	129.2440, -80.0830, -85.0350

Conversions

Conversions Part 2

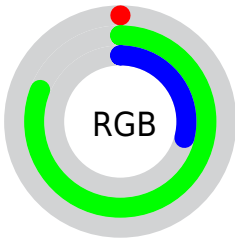
Format	Color
RYB	0, 152, 206
Decimal	52809
CIELab	72.64, -69.27, 52.64
CIELCh	73, 87.004, 142.770
Yxy	44.6237, 0.2853, 0.5469
Android (android.graphics.Color)	4278242889 (0xFF00CE49)
YUV	129.2440, -27.7283, -113.3470
Hunter-Lab	66.8009, -54.7110, 34.6100

Details

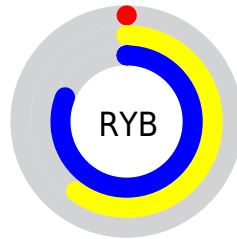
The Android color **4278242889** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **4291690629**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4285005695**, and **4278228491** is the 20% darker color. If you saturate the color by 10%, you get **4278242889**, and if you desaturate by 10%, it is **4279619158**.

Distribution



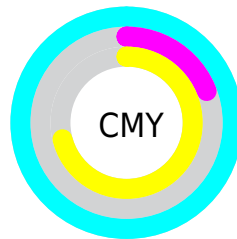
- Red (0%)
- Green (81%)
- Blue (29%)



- Red (0%)
- Yellow (60%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242889 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 4278242889 by changing the saturation by 10% instead.

 4278242889

 4278242889

4294967295

 4278235694

 4285005695

 4278228491

 4287168410

 4278221568

 4289265590

 4278214656

 4291297234

 4278208256

 4293328879

 4278202112

 4278194432

 4278190080

 4278242889

 4279619158

 4280929892

 4282306161

 4283616894

 4284993163

 4286369433

 4287680166

 4289056435

 4290367169

Harmonies

Analogous

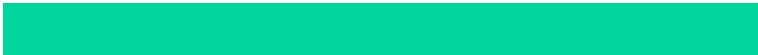
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288462848



4278242889



4278244764

Triad

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



4278242889



4278239999



4294926714

Complementary

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



4278242889



4291690629

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.



4294925257



4278242889



4286818047

Square

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



4278242889



4278243839



4294868735



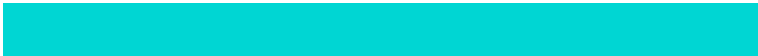
4294935854

Rectangle

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



4278242889



4278245075



4294868735



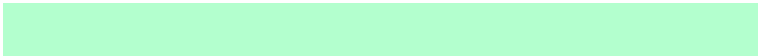
4294924692

Sweetspot

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



4278242889



4289986510



4287024640



4283596898



4278190080



4286611584

Same Dimension

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



4278242889



4278255450



4278242991



4284245599



4278232635



4278199822

Inverse Universe

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



4291690629



4294901925



4291690527



4284898402



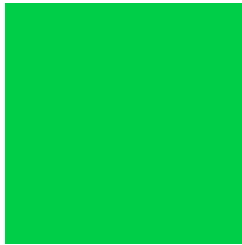
4289069163



4280680473

Previews

White Background



This preview shows how the Android color 4278242889 looks on a white background.

Color Contrast Check

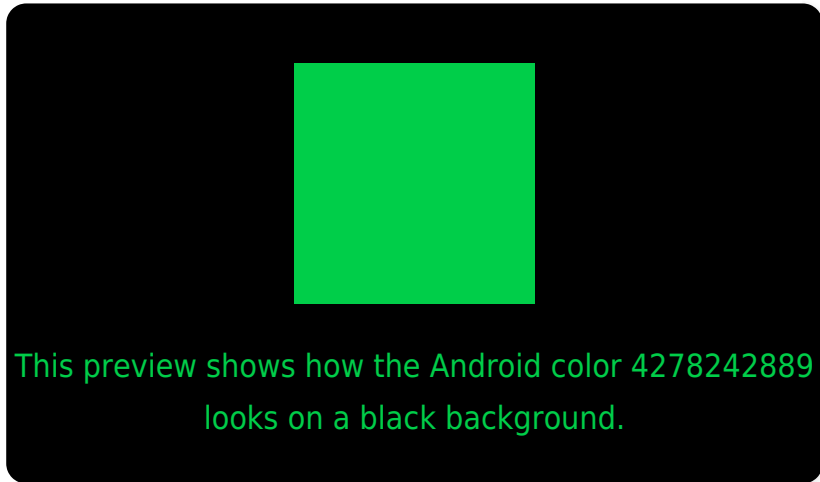
Large Text (above 18pt) WCAG AA × Fail

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 4278242889 Background



This preview shows how black text looks on a background with the Android color 4278242889.



This preview shows how white text looks on a background with the Android color 4278242889.

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
4278242889

Protanopia
4291146049

Deuteranopia
4292520021

Trichromacy



Original Color

4278242889



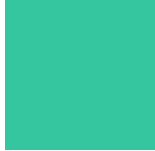
Protanomaly

4286430276



Deuteranomaly

4287346257



Tritanomaly

4281714335

Monochromacy



Original Color

4278242889



Achromatopsia

4286677377



Achromatomaly

4283604333

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242889 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, 206, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 73)  
}
```

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, 206, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 73) }
```

Border

The CSS property to change the border of an element to Android 4278242889 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, 206, 73) }
```

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

```
.border{ border-color:rgb(0, 206, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 206, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 206, 73)  
}
```

Background

The CSS property to change the background color of an element to Android 4278242889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 73) }
```

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

```
.background{ background-color: rgb(0, 206,  
73) }
```

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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