

Converting Colors

Android(4279088945)

Have a look what the booklet for
Android(4279088945) contains.

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Color

Android(4279088945)

Conversions

Conversions Part 1

Format	Color
Hex	0DB731
RGB	13, 183, 49
RGB Percent	5%, 72%, 19%
CMY	0.9490, 0.2824, 0.8078
CMYK	0.93, 0.00, 0.73, 0.28
HSL	133°, 87%, 38%
HSV	133°, 93%, 72%
XYZ	17.6538, 34.1743, 8.5716
YIQ	116.8940, -58.3060, -77.7140

Conversions

Conversions Part 2

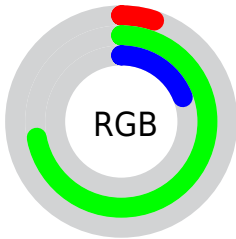
Format	Color
RYB	13, 153, 183
Decimal	898865
CIELab	65.10, -64.29, 54.11
CIELCh	65, 84.034, 139.914
Yxy	34.1743, 0.2923, 0.5658
Android (android.graphics.Color)	4279088945 (0xFF0DB731)
YUV	116.8940, -33.4717, -91.1150
Hunter-Lab	58.4588, -48.3980, 32.2277

Details

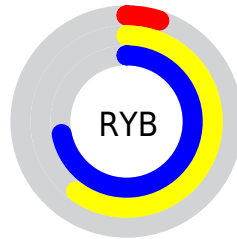
The Android color `4279088945` is a dark color, and the websafe version is hex `33CC33`. A complement of this color would be `4290186643`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284805223`, and `4278222848` is the 20% darker color. If you saturate the color by 10%, you get `4278236967`, and if you desaturate by 10%, it is `4280268607`.

Distribution



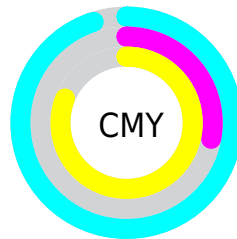
- Red (5%)
- Green (72%)
- Blue (19%)



- Red (5%)
- Yellow (60%)
- Blue (72%)



- Cyan (93%)
- Magenta (0%)
- Yellow (73%)
- Black (28%)



- Cyan (95%)
- Magenta (28%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279088945 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 4279088945 by changing the saturation by 10% instead.



4279088945



4279088945

4294967295



4278229776



4284805223



4278222848



4286906242



4278216192



4288872350



4278209536



4290903994



4278203648



4292870102



4278196736



4294901747



4278190080



4279088945




4279088945



4278236967



4280268607

 4281513806

 4282693468

 4283873131

 4285118329

 4286297992

 4287477654

 4288657316

 4289902515

Harmonies

Analogous

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



4287604992



4279088945



4278238849

Triad

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



4279088945



4278235135



4294920816

Complementary

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



4279088945



4290186643

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.



4294920635



4279088945



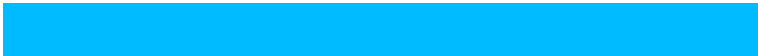
4283930111

Square

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



4279088945



4278238207



4292702207



4294930215

Rectangle

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



4279088945



4278239158



4292702207



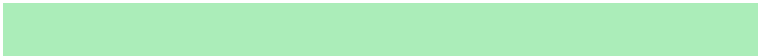
4294919048

Sweetspot

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



4279088945



4289457593



4288001805



4283398232



4294440951



4286085240

Same Dimension

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



4279088945



4278250802



4279089028



4283653205



4278230049



4278197254

Inverse Universe

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



4290186643



4293722299



4290186560



4284240730



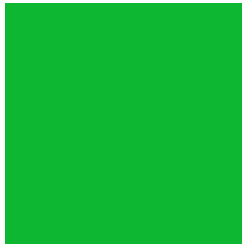
4288413819



4280025110

Previews

White Background



This preview shows how the Android color 4279088945 looks on a white background.

Color Contrast Check

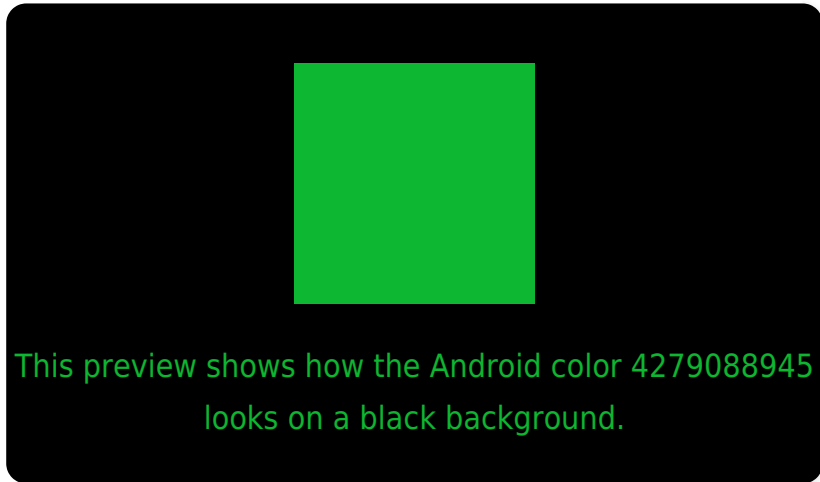
Large Text (above 18pt) WCAG AA × Fail

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 4279088945 Background



This preview shows how black text looks on a background with the Android color 4279088945.



This preview shows how white text looks on a background with the Android color 4279088945.

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

4279088945



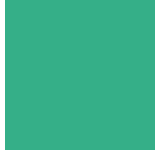
Protanomaly

4285900333



Deuteranomaly

4286685497



Tritanomaly

4281708424

Monochromacy



Original Color

4279088945



Achromatopsia

4285887861



Achromatomaly

4283403612

CSS Examples

Text

The CSS property to change the color of the text to Android 4279088945 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(13, 183, 49)` looks like.

```
.text, #text, p{  
    color:rgb(13, 183, 49)  
}
```

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(13, 183, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 183, 49) }
```

Border

The CSS property to change the border of an element to Android 4279088945 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(13, 183, 49) }
```

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

```
.border{ border-color:rgb(13, 183, 49) }
```

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

Here you see how a box with a 4 pixel rgb(13, 183, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 183, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 183, 49);  
box-shadow:4px 4px 4px 4px rgb(13, 183,  
49) }
```

Background

The CSS property to change the background color of an element to Android 4279088945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 183, 49) }
```

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

```
.background{ background-color: rgb(13, 183,  
49) }
```

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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